

General Education: Updates/ Corrections

IGETC Area 4:

Correction: Added CH DEV 001 to IGETC Area 4

CSU GE Area B:

Correction: Moved ANATOMY 001 from Area B1 to Area B2

LACCD GE Area B1:

Correction: Added AFRO AM 004 to LACCD GE Area B1

See page 10-15 of this document for the full GE tables.

Programs: Updates/ Corrections

Update:

AS-T in Business Administration:

(Program Code 050500, State Code 35427)

Business Administration is a broad field with many disciplines including, administration, accounting, entrepreneurship and small business, finance, law, international trade, management, marketing, operations, information systems, and real estate. This degree is designed to provide students with the core of lower division courses required to transfer to a California State University and pursue a bachelor's degree in business administration in the discipline(s) of their choice. Emphasis is on accounting, the business environment and functions, economics, law, mathematics, and quantitative analysis. For a complete listing of CSUs that accept this degree as meeting lower division major preparation, please go to the Counseling Department. In addition to the 29-30 units required for the major, students must complete 37 units of general education following the IGETC Plan or 39 units of general education following the CSU-GE Breadth for a maximum total of 60 units with a minimum GPA of 2.0.

Students completing the Associate in Business Administration for Transfer degree will have satisfied the lower division major preparation at most CSUs in Business Administration.

REQUIRED CORE:

ACCTG 001	Introductory Accounting I	5
ACCTG 002*	Introductory Accounting II	5
ECON 001*	Principles of Economics I	3
ECON 002*	Principles of Economics II	3
LAW 001	Business Law I	3
<i>LIST A: SELECT ONE COURSE (4-5 UNITS) FROM THE FOLLOWING:</i>		
MATH 238*	Calculus for Business and Social Science I	5
MATH 227*	Statistics	4
<i>LIST B: SELECT TWO COURSES (6 UNITS) FROM THE FOLLOWING:</i>		
CAOT 082	Microcomputer Software Survey in the Office	3
	Or	
CIS 104	Microcomputer Application Software	4 3
	Or	
CIS 101	Introduction to Computers and their Uses	3
BUS 001	Introduction to Business	3
<i>Any course not used in List A</i>		

Total: 29-34 29-30

Update:

AS in Computer Science

(Program Code 070711, State Code 02952)

This degree can serve as a basis for further undergraduate education in computer science.

COMPLETE THE FOLLOWING 6 REQUIRED COURSES:

CS 101	<i>Introduction to Computer Science (Formerly CO SCI 802)</i>	3
CS 117*	<i>Intermediate Programming Using C/C++ (Formerly CO SCI 839)</i>	3
CS 136*	<i>Introduction to Data Structures (Formerly CO SCI 836)</i>	3
CS 150*	<i>Windows and Web Database Programming (Formerly CO SCI 870)</i>	3
CS 216*	<i>Object-Oriented Programming in C++ (Formerly CO SCI 840)</i>	3
CS 236*	<i>Advanced Data Structures and Introduction to Databases (Formerly CO SCI 832)</i>	3

COMPLETE 1 COURSE FROM THE FOLLOWING:

CS 111*	<i>Programming in Visual Basic (Formerly CO SCI 808)</i>	(3)
CS 115*	<i>Programming in C# (Formerly CO SCI 895)</i>	(3)

COMPLETE 13 UNITS FROM THE FOLLOWING COURSES:

CIS 104	<i>Microcomputer Application Software (Formerly CO SCI 830)</i>	(3) (3)
CIS 112*	<i>Operating Systems - Beginning Linux (Formerly CO SCI 834)</i>	(3)
CIS 210*	<i>Introduction to Computer Networking (Formerly CO SCI 863)</i>	(3)
CS 111*	<i>Programming in Visual Basic (Formerly CO SCI 808)</i>	(3)
CS 115	<i>Programming in C# (Formerly CO SCI 895)</i>	(3)
CS 130*	<i>Introduction to Computer Architecture and Organization (Formerly CO SCI 816)</i>	(3)
CS 213*	<i>Advanced Programming in Java (Formerly CO SCI 890)</i>	(3)
CS 220*	<i>Advanced Computer Programming (Formerly CO SCI 861)</i>	(3)

Total: 34

Update:

CA in Computer Science Programming:

(Program Code 070712, State Code 30425)

This certificate is designed for students pursuing a Programmer/Analyst position using the C++ programming language, and for employed professionals upgrading their C++ programming skills.

Estimated time to complete: 2 years.

COMPLETE THE FOLLOWING 7 REQUIRED COURSES:

CS 101	Introduction to Computer Science (Formerly CO SCI 802)	3
CS 111*	Programming in Visual Basic (Formerly CO SCI 808)	3
CS 115*	Programming in C# (Formerly CO SCI 895)	3
CS 117*	Intermediate Programming using C/C++ (Formerly CO SCI 839)	3
CS 136*	Introduction to Data Structures (Formerly CO SCI 836)	3
CS 150*	Windows and Web Database Programming (Formerly CO SCI 870)	3
CS 216*	Object-Oriented Programming in C++ (Formerly CO SCI 840)	3

COMPLETE 8 UNITS FROM THE FOLLOWING COURSES:

CIS 104	Microcomputer Application Software (Formerly CO SCI 830)	(4) (3)
CIS 112*	Operating Systems - Beginning Linux (Formerly CO SC 834)	(3)
CIS 210*	Introduction to Computer Networking (Formerly CO SCI 863)	(3)
CS 213*	Advanced Programming in Java (Formerly CO SCI 890)	(3)
CS 220*	Advanced Computer Programming (Formerly CO SCI 861)	(3)
CS 236*	Advanced Data Structures and Introduction to Databases (Formerly CO SCI 832)	(3)

Total: 29

Update:

SC in Microcomputer Systems

(Program Code 093411)

This certificate is designed to give the electronics student additional exposure to computer science. The certificate can lead to positions such as Microcomputer Systems Technician.

Estimated time to complete: 1 year.

COMPLETE THE FOLLOWING 4 REQUIRED COURSES:

CIS 104	Microcomputer Application Software (Formerly CO SCI 830)	(4) 3
ELECTRN 002	Introduction to Electronics	3
ELECTRN 054	Computer Logic	4
ELECTRN 109	Computer Hardware	4

Total: ~~15~~ 14

Update:

AS in Electronics: Biomedical Instrumentation

(Program Code 093460, State Code 02957)

This degree prepares the student to work in hospitals and for equipment manufacturers as a technician to repair and maintain a wide variety of electronic apparatus used in the medical field.

COMPLETE THE FOLLOWING 8 REQUIRED COURSES:

ELECTRN 002	Introduction to Electronics	3
ELECTRN 004*	Fundamentals of Electronics I	4
ELECTRN 006*	Fundamentals of Electronics II	4
ELECTRN 020*	Electronic Circuits I	4
ELECTRN 034	Introduction to Biomedical Electronics	3
ELECTRN 036*	Biophysical Measurements I	4
ELECTRN 038*	Biophysical Measurements II	4
ELECTRN 054	Computer Logic	4

COMPLETE 2 COURSES FROM THE FOLLOWING:

ELECTRN 022*	Electronic Circuits II	(4)
ELECTRN 064*	Technical Computer Applications	(4)
ELECTRN 113	Computer Networking	(4) (3)
ELECTRN 941	Cooperative Education-Electronics	(4)

Total: ~~38~~ 37-38

Update:

SC in A+/NET+ Certification Preparation

(Program Code 070800)

The three-course sequence required for this certificate prepares students for the nationally recognized A+ Certification Examination. Upon completion of the three ~~four-unit~~ courses, the student is eligible to receive an A+ Certificate Preparation Certificate. Students must take and pass the two-part examination offered by the Computing Technology Industry Association (Comp TIA) to earn the official A+ Certificate.

Estimated time to complete: 1 year.

COMPLETE THE FOLLOWING 3 REQUIRED COURSES:

ELECTRN 054	Computer Logic	4
ELECTRN 109	Computer Hardware	4
ELECTRN 113	Computer Networking	(4) 3

Total: ~~12~~ 11

Los Angeles Valley College 2020-2021 Catalog – Addendum

Effective Winter 2021 Term

Update:

CA in Electronics: Biomedical Instrumentation

(Program Code 093460, State Code 21893)

This certificate prepares the student to work in an entry-level position as a technician to repair and maintain a variety of electronic apparatus used in the medical field. Some of these positions are: Biomedical Equipment Technician (BMET); Field Service Engineer; Medical Equipment Sales Engineer; Clinical Laboratory Technician; and R & D Technician. The certificate can be the basis for continued study and attainment of an associate's degree.

Estimated time to complete: 2 years.

COMPLETE THE FOLLOWING 8 REQUIRED COURSES:

ELECTRN 002	Introduction to Electronics	3
ELECTRN 004*	Fundamentals of Electronics I	4
ELECTRN 006*	Fundamentals of Electronics II	4
ELECTRN 020*	Electronic Circuits I	4
ELECTRN 034	Introduction to Biomedical Electronics	3
ELECTRN 036*	Biophysical Measurements I	4
ELECTRN 038*	Biophysical Measurements II	4
ELECTRN 054	Computer Logic	4

COMPLETE 1 COURSE FROM THE FOLLOWING:

ELECTRN 022*	Electronic Circuits II	(4)
ELECTRN 064*	Technical Computer Applications	(4)
ELECTRN 113	Computer Networking	(4) (3)
ELECTRN 941	Cooperative Education-Electronics	(4)

Total: 34 33-34

Update:

CA in Electronics Technician

(Program Code 093402, State Code 10758)

This certificate leads to positions such as: Electronics Technician; Field Service Technician; Field Service Engineer; Test Technician; Flight-line Technician; Broadcast Technician; Quality Control Technician; and Electronics Manufacturers Technician.

Estimated time to complete: 2 years.

COMPLETE THE FOLLOWING 8 REQUIRED COURSES:

ELECTRN 002	Introduction to Electronics	3
ELECTRN 004*	Fundamentals of Electronics I	4
ELECTRN 006*	Fundamentals of Electronics II	4
ELECTRN 020*	Electronic Circuits I	4
ELECTRN 022*	Electronic Circuits II	4
ELECTRN 034	Introduction to Biomedical Electronics	3
ELECTRN 054	Computer Logic	4
ELECTRN 109	Computer Hardware	4

COMPLETE 1 COURSE FROM THE FOLLOWING:

ELECTRN 036*	Biophysical Measurements I	(4)
ELECTRN 038*	Biophysical Measurements II	(4)
ELECTRN 113	Computer Networking	(4) (3)
ELECTRN 240*	Industrial Electronics I	(4)

Total: 34 33-34

Los Angeles Valley College 2020-2021 Catalog – Addendum

Effective Winter 2021 Term

Update:

AS in Engineering Technology: Industrial/ Manufacturing

(Program Code 095602, State Code 02959)

This degree is designed for the student who wishes to enter the workforce after graduation in a position such as: Drafter; Drill Press Operator; Engineering Liaison; Quality Controller; Grinder; Manufacturing Controller; Operations Researcher; and Lathe Operator.

COMPLETE THE FOLLOWING 11 REQUIRED COURSES:

CHEM 068*	Preparation for General Chemistry	5
CIS 104	Microcomputer Application Software (Formerly CO SCI 830)	4 3
EGT 211*	Elementary Engineering Graphics	3
ENG GEN 101	Introduction to Science, Engineering and Technology	2
MATH 120*	Plane Geometry	5
MATH 240*	Trigonometry	3
MSCNC 124	Print Interpretation and Inspection (Blueprint II)	3
NUM CON 21	Advanced Manual CNC Lathe Programming & Introduction to CAM	3
T & M 027	Basic Machine Shop Theory and Practice	4
T & M 030	Machine Shop Practice I	3
T & M 031	Machine Shop Practice II	3

Total: ~~38~~ 37

Update:

AS in Engineering Technology: Mechanical Engineering

(Program Code 095600, State Code 08541)

This degree is designed for the student who wishes to enter the workforce after graduation with a strong background in AutoCAD drafting, blueprint reading, numerical control, and computer programming skills.

COMPLETE THE FOLLOWING 12 REQUIRED COURSES:

CIS 104	Microcomputer Application Software (Formerly CO SCI 830)	4 3
EGT 211	Elementary Engineering Graphics	3
EGT 212*	Applied Engineering Computer Graphics I	3
ELECTRN 002	Introduction to Electronics	3
ENG GEN 101	Introduction to Science, Engineering and Technology	2
MATH 120*	Plane Geometry	5
MATH 240*	Trigonometry	3
MSCNC 114	Print Interpretation & Sketching (Blueprint I)	3
MSCNC 124	Print Interpretation and Inspection (Blueprint II)	3
NUM CON 021	Advanced Manual CNC Lathe Programming & Introduction to CAM	3
T & M 027	Basic Machine Shop Theory and Practice	4
T & M 031	Machine Shop Practice II	3

Total: ~~39~~ 38

Update:

CA in Engineering Technology: Industrial/ Manufacturing

(Program Code 095602, State Code 21895)

The Industrial Technology/Manufacturing Certificate can lead to positions such as: Drafter; Drill Press Operator; Engineering Liaison; Quality Controller; Grinder; Manufacturing Controller; Operations Researcher; Part Inspector; and Lathe Operator. The certificate can be the basis for continued study and attainment of an associate's degree.

Estimated time to complete: 1.5 years.

COMPLETE THE FOLLOWING 8 REQUIRED COURSES:

CIS 104	Microcomputer Application Software (Formerly CO SCI 830)	(4) 3
EGT 211	Elementary Engineering Graphics	3
ELECTRN 004*	Fundamentals of Electronics I	4
ENG GEN 101	Introduction to Science, Engineering and Technology	2
NUM CON 021	Advanced Manual CNC Lathe Programming & Introduction to CAM	3
MSCNC 124	Print Interpretation and Inspection (Blueprint II)	3
T & M 027	Basic Machine Shop Theory and Practice	4
T & M 030	Machine Shop Practice I	3

Total: ~~26~~ 25

Update:

CA in Manufacturing Technology: Numerical Control

(Program Code 095631, State Code 21898)

This certificate is designed for the student who wishes to enter the workforce in positions such as: Numerical Control Programmer; Numerical Control Machinist; and Numerical Control Machine Operator.

Estimated time to complete: 2 years.

COMPLETE THE FOLLOWING 10 REQUIRED COURSES:

CIS 104	Microcomputer Application Software (Formerly CO SCI 830)	(4) 3
ENG GEN 101	Introduction to Science, Engineering and Technology	2
MATH 115*	Elementary Algebra	5
MSCNC 114	Print Interpretation and Sketching (Blueprint I)	3
MSCNC 124	Print Interpretation and Inspection (Blueprint II)	3
NUM CON 021	Advanced Manual CNC Lathe Programming & Introduction to CAM	3
NUM CON 022	Adv. Manual CNC Mill & Microcomputer Assisted Programming	3
NUM CON 023	Computer Aided Manufacturing Programming of CNC Equipment	3
T & M 027	Basic Machine Shop Theory and Practice	4
T & M 030	Machine Shop Practice I	3

Total: ~~33~~ 32

Courses: Updates/ Corrections

Update:

CIS 104 Microcomputer Application Software ~~(4)~~ (3) CSU

Prerequisite: None.

Lecture, 3 hours; laboratory 2 hours.

Students will learn about computer components how they interact with software, and how to interpret data representation in memory. The course includes a survey of major office applications, including word processing, spreadsheets, database management, and presentation software, using an integrated suite, such as Microsoft Office. Topics include: use of templates and document automation, designing spreadsheet, charting data, creation of electronic presentations, principles of database design, object linking and embedding (OLE), creating web pages. Required for majors.

THIS COURSE REPLACED CO SCI 830 IN SPRING 2020. STUDENTS MAY NOT RECEIVE CREDIT FOR BOTH CO SCI 830 AND CIS 104. **EFFECTIVE WINTER 2021, THIS COURSE IS NOW OFFERED AT 3 UNITS.**

Update:

PHOTO 150 Portfolio Development (3) CSU

Prerequisite: PHOTO 010 or PHOTO 101 with a grade of C or better.

Prerequisite: PHOTO 010 or PHOTO 101 or CINEMA 107 with a grade of C or better.

Lecture, 2 hours, laboratory, 3 hours.

This course addresses the process of building a photographic portfolio that meets the current professional industry standards for presenting work to potential employers and clients. Emphasis is placed on developing a personal style that displays a comprehensive understanding of photographic methods, genres, and presentation. Studio facilities and privileges are available to the student in support of this portfolio work. Assignments are designed by the student with instructor approval. Admission by interview only.

Correction:

RESP TH 002 Fundamentals of Respiratory Therapy (4)

Corequisites: ANATOMY 001 and PHYSIOL 001; CHEM 051; MICRO 020; PHYSICS 005 and ~~REAL ES 001~~ RESP TH 001.

Lecture, 3 hours; laboratory, 3 hours.

This course covers the fundamentals of respiratory therapy theory, application, and equipment. This final phase 1 respiratory course includes lecture presentations and laboratory experiments using typical respiratory equipment. This lecture and laboratory experiments will include using applied physics theories such as gas laws and fluidics to explain and demonstrate the principles of operation and therapeutic objectives of typical respiratory equipment. Students will submit applications to Phase 2 of the Respiratory Therapy program while enrolled in RT 2.

Update:

**RESP TH 005 Application of Respiratory Therapy
& Clinical Experience III (5)**

Prerequisites: ~~RESP TH 004, 007, and 008~~ **RESP TH 004 and 007** with grades of C or better.

Offered only in the Spring semester.

Laboratory, 15 hours.

This course includes laboratory and clinical instruction in neonatal respiratory care. This is the 4th clinical rotation with an emphasis on critical care and an introduction to NICU's. Students will be evaluated for competency in neonatal respiratory management and assessment in the laboratory and clinical setting. Course material includes neonatal assessment, ventilator and airway management, ECMO, Nitric oxide and surfactant therapies. This course also includes certification in Neonatal Resuscitation (American Academy of Pediatrics). The acute treatment and clinical assessment of the critical care neonatal and pediatric are explained in detail and case presentations are discussed.

Update:

**RESP TH 023 Advanced Respiratory
Pathophysiology (1) CSU**

Prerequisite: RESP TH 003 and 006 with grades of C or better.

Corequisite: ~~RESP TH 004, 007, and 008~~ **RESP TH 004 and 007.**

Lecture, 1 hour.

The advanced pathology, diagnosis, and treatment of the common diseases and disorders of the cardiovascular and neuromuscular systems are presented in detail. Techniques of laboratory evaluation and specific monitoring methods using case studies and clinical simulations are presented and discussed

TRANSFER PROGRAMS

INTERSEGMENTAL GENERAL EDUCATION TRANSFER CURRICULUM (IGETC) 2020-2021

The IGETC is a pattern of courses that students can use to satisfy Lower Division General Education (GE) requirements at any California State University (CSU) or University of California (UC) campus. However, completion of the IGETC is not an admission requirement for the CSU or UC, nor is it the only way to fulfill lower-division General Education requirements before transfer. Students should contact a counselor for detailed information. Foreign transcript coursework cannot be used on IGETC except in special circumstances in Area 6; see a counselor for details. Students must petition Admissions and Records for certification of IGETC completion. Students should petition for a Certificate of Achievement in Intersegmental General Education Transfer (IGETC) at the same time as the petition for certification. See page 29 for footnote explanations. Every effort has been made to ensure that this information is accurate; however, students should consult an LAVC counselor periodically to determine whether there have been any changes or corrections.

WARNING! Consult a Los Angeles Valley College counselor before taking courses outside Los Angeles Valley College to be used on this IGETC general education plan, particularly if taking courses elsewhere in the LA College District. Every community college may apply its courses differently on general education, even if the course has the same course number and title.

Courses may appear in more than one area but can only be used in one area with the exception of courses used to satisfy Area 6.

	C	IP	N
<p>AREA 1: ENGLISH COMMUNICATION C= COMPLETED IP= IN PROGRESS N= NEED UC: 2 courses, one from Group A and one from Group B. CSU: 3 courses, one from each group below.</p> <p>A. ENGLISH COMPOSITION (1 course, 3 semester/4-5 quarter units) ENGLISH 101 Course: _____ College _____ AP _____</p> <p>B. CRITICAL THINKING – ENGLISH COMPOSITION (1 course, 3 semester/4-5 quarter units) COMM 105 ENGLISH 102³⁷ (Effective Fall 2014), 103 Course: _____ College _____ (No AP scores accepted for this area)</p> <p>C. ORAL COMMUNICATION – (CSU requirement only) (1 course, 3 semester/4-5 quarter units) COMM 101, 102, 151 Course: _____ College _____ (No AP scores accepted for this area)</p>			
<p>AREA 2: MATHEMATICAL CONCEPTS AND QUANTITATIVE REASONING (1 course, minimum of 3 semester/4-5 quarter units) MATH 227, 238², 245³, 259, 260³, 261, 262, 263, 270, 275 STAT 101¹ Course: _____ College _____ AP _____</p>			
<p>AREA 3: ARTS AND HUMANITIES (3 courses with at least 1 course from Arts and 1 course from Humanities, 9 semester/12-15 quarter units)</p> <p>A. ARTS ART 093³⁹, 094⁴², 101, 102, 103, 105, 109, 111, 115, 116⁴, 125, 213, 501 BRDCSTG 026⁴⁰ (Effective F17) CHICANO 054³⁹ CINEMA 102, 104⁵, 105, 106³⁹, 107, 113⁴¹, 114⁴¹ DANCEST 801³³, 805 HUMAN 003 MUSIC 101, 111, 118³⁹, 121, 122, 136¹⁸, 141 THEATER 100, 110, 112 Course: _____ College _____ AP _____</p> <p>B. HUMANITIES AFRO AM 020 ANTHRO 121 CHICANO 037, 042⁷ (SPANISH 012^{4*}), 044 (SPANISH 016*) CINEMA 103 ENGLISH 102⁷, 105⁸ (LING 001*), 203, 204, 205, 206, 207, 208, 212, 252, 253 FRENCH 003, 004, 005, 006, 010, 025³⁹ GERMAN 003, 004, 005, 006³⁸, 010⁴² HEBREW 010 (JEWISH 010*) HISTORY 007¹⁰ HUMAN 001, 006⁶, 008⁶, 030 ITALIAN 003, 004, 005, JEWISH 002, 010 (HEBREW 010*), 035 (PHILOS 035*) PHILOS 001, 012, 014, 020, 028, 030, 035 (JEWISH 035*), 045 SPANISH 003, 004, 005, 006, 009, 012 (CHICANO 0427*), 016 (CHICANO 044*), 025 (Effective F01-F09) & (reinstated Effective Fall 2015), 037 Course: _____ College _____ AP _____ Course: _____ College _____ AP _____</p>			

*For UC and CSU transfer credit, these courses are considered "same as" and credit limited to one course.

**See page 29 for IGETC footnote descriptions.

INTERSEGMENTAL GENERAL EDUCATION TRANSFER CURRICULUM (IGETC) 2020-2021

	C	IP	N
<p>AREA 4: SOCIAL AND BEHAVIORAL SCIENCES (3 courses in at least two different disciplines, 9 semester/12-15 quarter units)</p> <p>AFRO AM 002, 004, 005 ANTHRO 102, 103, 104³², 109¹¹, 141 BRDCSTG 001³⁷ (Effective Fall 2014) CH DEV 001 CHICANO 002, 007, 008 COMM 122³² ECON 001, 002, 008³⁸, 010, 030⁹, 040³¹, 060 ENVSTDS 101</p> <p>GEOG 002, 009, 014 HISTORY 001, 002, 005, 006, 011, 012, 020, 086³³ JEWISH 001, 004, 025 JOURNAL 105 POL SCI 001, 002, 005, 007 PSYCH 001, 011, 012, 013, 014, 032, 041²⁶, 052, 075 SOC 001, 002, 003, 011, 021, 022, 025⁵, 031, 035</p> <p>Course: _____ College _____ AP _____ Course: _____ College _____ AP _____ Course: _____ College _____ AP _____</p>			
<p>AREA 5: PHYSICAL AND BIOLOGICAL SCIENCES Two courses (7-9 semester/9-12 quarter units.) One course must be taken from Physical Science and one course must be taken from Biological Science. Note: At least one science course must include a laboratory. Lab courses are marked by the symbol ‡</p> <p>A. PHYSICAL SCIENCE</p> <p>ASTRON 001 CHEM 051^{16, 42}, 060¹⁶‡, 068^{11, 16}‡, 101‡, 102‡, 211¹⁷‡, 212⁵‡ ENV SCI 001¹⁸, 007¹⁸ (GEOLOGY 010*) GEOG 001³⁴, 003 (METEOR 003*), 017³⁴‡ Course: _____ College _____ AP _____</p> <p>B. BIOLOGICAL SCIENCE</p> <p>ANATOMY 001²²‡ ANTHRO 101, 116 BIOLOGY 003²⁴‡, 005‡, 006‡, 007‡, 010‡, 022³¹‡, 040³⁸‡ Course: _____ College _____ AP _____</p> <p>C. SCIENCE LABORATORY</p> <p>ANATOMY 001²²‡ ANTHRO 111‡²³ ASTRON 005⁹‡ BIOLOGY 003²⁴‡, 005‡, 006‡, 007‡, 010‡, 022³¹‡, 040³⁸‡ CHEM 051^{16, 42}, 060, 068^{11, 16}‡, 101‡, 102‡, 211¹⁷‡, 212^{5, 17}‡ ENV SCI 022³¹‡</p> <p>GEOLOGY 001, 002, 010¹⁸ (ENV SCI 007*) METEOR 003 (GEOG 003*) OCEANO 001 PHYS SC 001¹⁹, 004⁴¹‡ PHYSICS 006²⁰‡, 007²⁰‡, 037²⁰‡, 038²⁰‡, 039²⁰‡, 066²⁰‡, 067²⁰‡</p> <p>MICRO 020²⁵‡ PHYSIOL 001²²‡ PSYCH 002</p> <p>GEOLOGY 006‡, 007‡ MICRO 020²⁵‡ OCEANO 010‡ PHYS SC 004⁴¹‡, 014²⁶‡ PHYSICS 006²⁰‡, 007²⁰‡, 037²⁰‡, 038²⁰‡, 039²⁰‡, 066²⁰‡, 067²⁰‡ PHYSIOL 001²²‡</p> <p>GEOG 015³⁴‡, 017³⁴‡</p> <p>This requirement may also be satisfied by completion of any lecture with lab course listed in Area 5A or 5B above that is marked by the symbol ‡</p> <p>Course: _____ College _____ AP _____</p>			
<p>AREA 6: LANGUAGE OTHER THAN ENGLISH: UC REQUIRED ONLY! Proficiency equivalent to two years of high school in the same foreign language with a grade of C or better; or satisfactory score on SAT II (documentation of high school credit or SAT score required); or one of the following equivalent college courses. See counselor for other options. FRENCH 002, GERMAN 002, HEBREW 002 (JEWISH 012*), ITALIAN 002, SPANISH 002³⁵, 035³⁹, 036^{18, 35}, 037³⁷</p> <p>Course: _____ College _____ AP _____</p>			
<p>CSU UNITED STATES HISTORY, CONSTITUTION & AMERICAN IDEALS (Not part of IGETC, but may be completed prior to transfer.) For IGETC Certification purposes, courses used to satisfy this CSU graduation requirement may also be used to satisfy IGETC Subject Areas 3 and/or 4. However, if a course(s) is used to satisfy both an IGETC subject-area requirement and the CSU United States History, Constitution and American ideals graduation requirement, some CSU campuses may require students to take an additional course(s) after transfer. CSUN and CSULA will NOT require an additional course(s) Other CSU campuses should be consulted directly regarding their policy. (Effective Fall 05) may be completed with the following two courses: HISTORY 006 or 020 AND one of the following: ECON 010 or HISTORY 011 OR POL SCI 001 AND one of the following: AFRO AM 004, 005, CHICANO 008, ECON 010, HISTORY 005, 011, 012, 018</p>			
<p>*For UC and CSU transfer credit, these courses are considered "same as" and credit limited to one course. **See page 29 for IGETC footnote descriptions.</p>			

GENERAL EDUCATION CERTIFICATION FOR CALIFORNIA STATE UNIVERSITIES 2020-2021

*This plan will satisfy lower division G.E. for the CSU system. You must petition Admissions and Records to have certification placed on your transcript. "Ef" indicates first term that course can be used on this plan. *For UC and CSU transfer credit, these courses are considered "same as" and credit is limited to one course.*

WARNING! Consult a Los Angeles Valley College counselor before taking courses outside Los Angeles Valley College to be used on this CSU general education plan, particularly if taking courses elsewhere in the LA College District. Every community college may apply its courses differently on general education, even if the course has the same course number and title. Every effort has been made to ensure that this information is accurate; however, students should consult an LAVC counselor periodically to determine whether there have been any changes or corrections.

*Courses may appear in more than one area but will only be used in one area with the exception of science courses that satisfy both a lecture and a lab.

	C	IP	N				
C= COMPLETED IP= IN PROGRESS N= NEED							
<p>A. ENGLISH LANGUAGE COMMUNICATION AND CRITICAL THINKING: 9 units (3 courses) with at least one course chosen from each of the three subcategories below: Note: Effective SP 2002 grades in Area A must be "C" or better.</p> <p>1. Oral Communication: COMM 101, 102, 151</p> <p>2. Written Communication: ENGLISH 101</p> <p>Course: _____ College _____ AP: _____</p> <p>3. Critical Thinking: ENGLISH 102, 103 (suggested for CSULA) PHILOS 006, 009 (Ef F00-SU04) & (reinstated Ef SP 06) COMM 104, 105 (No AP Scores accepted for this area)</p>							
<p>B. SCIENTIFIC INQUIRY AND QUANTITATIVE REASONING: 9 units (3-4 courses) with at least one course from each of the four subcategories below. At least one of the courses chosen must be a laboratory course. Acceptable laboratory courses are indicated by a † in the lists below. Single courses that contain both lecture and lab may count as lab courses as well as Physical or Life Science courses.</p> <table style="width: 100%; border: none;"> <tr> <td style="vertical-align: top; width: 50%; padding: 5px;"> <p>1. Physical Science: ASTRON 001 CHEM 051†, 060†, 068†, 101†, 102†, 212† ENV SCI 001, 007* (GEOLOGY 010*) GEOG 001, 003 (METEOR 003*), 017 † GEOLOGY 001, 002, 010 (ENV SCI 007*) OCEANO 001 PHYS SC 001, 004† PHYSICS 006†, 007†, 012, 037†, 038†, 039†, 066†, 067†</p> </td> <td style="vertical-align: top; width: 50%; padding: 5px;"> <p>2. Life Science ANATOMY 001† ANTHRO 101, 116 BIOLOGY 003†, 005†, 006†, 007†, 010†, 022†, 040† ENV SCI 002 MICRO 020† PHYSIOL 001† PSYCH 002</p> </td> </tr> </table> <p>Course: _____ College _____ AP: _____</p> <p>Course: _____ College _____ AP: _____</p> <p>3. Laboratory Activity: Any science course marked by a † in B1 or B2 will satisfy this requirement also. A laboratory course cannot apply unless student also takes the lecture course that is prerequisite or corequisite to that laboratory course.</p> <table style="width: 100%; border: none;"> <tr> <td style="vertical-align: top; width: 50%; padding: 5px;"> ANTHRO 111† ASTRON 005† ENV SCI 019†, 022† (Ef F05) GEOG 015† </td> <td style="vertical-align: top; width: 50%; padding: 5px;"> GEOLOGY 006†, 007† OCEANO 010† PHYS SC 014† </td> </tr> </table> <p>4. Mathematics/Quantitative Reasoning: FINANCE 008 (Effective Fall 2019) MATH 215, 227, 227S, 238, 240, 245, 259, 260, 261, 262, 263, 270, 275 STAT 101 Note: Effective SP 2002 grade in this section (B4) must be "C" or better. Course: _____ College _____ AP: _____</p>	<p>1. Physical Science: ASTRON 001 CHEM 051†, 060†, 068†, 101†, 102†, 212† ENV SCI 001, 007* (GEOLOGY 010*) GEOG 001, 003 (METEOR 003*), 017 † GEOLOGY 001, 002, 010 (ENV SCI 007*) OCEANO 001 PHYS SC 001, 004† PHYSICS 006†, 007†, 012, 037†, 038†, 039†, 066†, 067†</p>	<p>2. Life Science ANATOMY 001† ANTHRO 101, 116 BIOLOGY 003†, 005†, 006†, 007†, 010†, 022†, 040† ENV SCI 002 MICRO 020† PHYSIOL 001† PSYCH 002</p>	ANTHRO 111† ASTRON 005† ENV SCI 019†, 022† (Ef F05) GEOG 015†	GEOLOGY 006†, 007† OCEANO 010† PHYS SC 014†			
<p>1. Physical Science: ASTRON 001 CHEM 051†, 060†, 068†, 101†, 102†, 212† ENV SCI 001, 007* (GEOLOGY 010*) GEOG 001, 003 (METEOR 003*), 017 † GEOLOGY 001, 002, 010 (ENV SCI 007*) OCEANO 001 PHYS SC 001, 004† PHYSICS 006†, 007†, 012, 037†, 038†, 039†, 066†, 067†</p>	<p>2. Life Science ANATOMY 001† ANTHRO 101, 116 BIOLOGY 003†, 005†, 006†, 007†, 010†, 022†, 040† ENV SCI 002 MICRO 020† PHYSIOL 001† PSYCH 002</p>						
ANTHRO 111† ASTRON 005† ENV SCI 019†, 022† (Ef F05) GEOG 015†	GEOLOGY 006†, 007† OCEANO 010† PHYS SC 014†						

TRANSFER PROGRAMS

GENERAL EDUCATION CERTIFICATION FOR CALIFORNIA STATE UNIVERSITIES 2020-2021

C. ARTS AND HUMANITIES: 9 units (3 courses) with at least one from area 1 and one from area 2 below:	C	IP	N
<p>1. Arts: Arts, Dance, Music, Theater ART 093, 094 101, 102, 103, 105, 109, 111, 115, 116, 125, 201, 213, 501 BRDCSTG 026 CHICANO 054</p> <p>2. Humanities: Literature, Philosophy, Foreign Language AFRO AM 020 ANTHRO 121 CHICANO 037, 042 (SPANISH 012*), 044 (SPANISH 016*) CINEMA 103 COMM 130 ENGLISH 105 (LING 001*), 203, 204, 205, 206, 207, 208, 252, 253 FRENCH 001 (or 021 or 022), 002, 003, 004, 005, 006, 010, 025 GERMAN 001, 002, 003, 004, 005, 006, 010</p> <p>CINEMA 102, 104 (Ef F99), 105, 106, 107, 113, 114 DANCEST 801, 802, 805 MUSIC 101, 111, 118, 121, 122, 136, 141 THEATER 100, 110, 112</p> <p>HEBREW 001 (JEWISH 011*), 002 (JEWISH 012*), 010 (JEWISH 010*) HISTORY 007 HUMAN 001, 002, 003, 030 ITALIAN 001, 002, 003, 004, 005 JEWISH 002 (Ef F97), 010 (HEBREW 010*), 011 (HEBREW 001), 012 (HEBREW 002*), 035 (PHILOS 035*), PHILOS 001, 012, 014, 020, 028, 030, 031, 035 (JEWISH 035*), 045, SPANISH 001, 002, 003, 004, 005 (Ef F00), 006 (Ef F00), 009, 010, 012 (CHICANO 042), 016 (CHICANO 044*), 025 (Ef F00-F09 & reinstated Ef F15), 035, 036, 037</p> <p>Course: _____ College _____ AP: _____ Course: _____ College _____ AP: _____ Course: _____ College _____ AP: _____</p>			
<p>D. SOCIAL SCIENCES: 9 units (3 courses) from at least two different disciplines below. *The American Institutions Requirement may be completed as part of the 9 units required in Area D. *The AMERICAN INSTITUTIONS REQUIREMENT: (Effective Fall 05) may be completed with two courses: <u>HISTORY 006 or 020 AND ECON 010 or HISTORY 011</u> OR <u>Pol Sci 1 AND AFRO AM 004, 005, CHICANO 008, ECON 010, HISTORY 005, 011, or 012</u> ADM JUS 075 (Ef F14) AFRO AM 002 (Ef F 15), 004, 005 ANTHRO 102, 103, 104 (Ef SP 07), 109 BRDCSTG 001, 006, 032 CHICANO 002, 007, 008 CH DEV 001, 042 COMM 122 (Ef SP 07) ECON 001, 002, 008, 010, 030, 040, 060 ENVSTDS 101; GEOG 002, 009, 014, 045</p> <p>HISTORY 001, 002, 005, 006, 011, 012, 020, 086 HUMAN 006, 008 JEWISH 004, 025 JOURNAL 105 LAW 003 POL SCI 001, 002, 005, 007 PSYCH 001, 011, 012, 013, 014, 032, 041, 074, 075, 090 SOC 001, 002, 003 (Ef F 98), 004 (Ef SP 07), 011, 025 (Ef F 98), 031, 035</p> <p>Course: _____ College _____ AP: _____ Course: _____ College _____ AP: _____ Course: _____ College _____ AP: _____</p>			
<p>E. LIFELONG LEARNING & SELF-DEVELOPMENT: 3 units (minimum 1 course) : (only 1 unit of DanceSt, DanceTq, Dncespc, Kin, Kin Ath, Kin Maj may be used) AFRO AM 002 COMM 121 COUNSEL 020 DANCEST 301, 302, 801, 802, 814, 815, 816, 820, 822 DANCETQ 111, 112, 113, 114, 121, 122, 123, 124, 141, 142, 143, 144, 151, 152, 153, 154, 181, 182, 221, 222, 223, 224, 225, 231, 232, 233, 234, 437 DNCSPEC 161, 171, 172, 173, 174, 331, 332, 333, 334, 441, 442, 443, 444 HEALTH 002, 011 JEWISH 001</p> <p>KIN 008, 009, 045, 046, 047, 049, 050, 205, 206, 217-1, 217-2, 229, 237-1, 251, 268-1, 269-1, 269-2, 273, 286, 287-1, 287-2, 300-1, 301-1, 301-2, 301-3, 303-1, 307, 315-1, 315-2, 315-3, 317-1, 317-2, 326-1, 326-2, 329-1, 329-2, 334, 339-1, 350-1, 350-2, 350-3, 350-4, 364-1, 364-2, 365-1, 366-1, 369-1, 369-2, 370-1, 370-2, 370-3, 370-4, 371-1, 371-2, 371-3, 371-4, 373-1, 373-2, 374-1, 374-2, 387-1, 387-2, 387-3, 387-4, 389-1, 389-2, 389-3, 390, 391-1 KIN ATH 503, 504, 506, 508, 511, 512, 513, 515, 517, 549, 552, 556 KIN MAJ 101, 127 LIB SCI 100 PSYCH 003, 041, 052, 060, 075, 090 SOC 012, 017, 021</p>			

ASSOCIATE DEGREE PROGRAMS

LOS ANGELES VALLEY COLLEGE - ASSOCIATE DEGREE GENERAL EDUCATION REQUIREMENTS - LACCD GE PLAN 2020-2021

GENERAL EDUCATION REQUIREMENTS: 21 semester units

MAJOR REQUIREMENTS: Minimum of 18 units in a single or related field. Each course counted towards the major or area of emphasis requirement must be completed with a "C" (2.0 or equivalent) or better.

1. UNIT REQUIREMENT: A minimum of 60 semester units of course credit in a selected curriculum.

2. SCHOLARSHIP REQUIREMENT: A "C" (2.0) grade-point-average or better.

3. RESIDENCE REQUIREMENT: Completion of at least 12 units of credit in residence, completion of a majority of the major requirement units in residence, and attendance at the college during the semester in which the requirements are completed.

4. READING AND WRITTEN COMPETENCY: Completion of the following course with a grade of "C" or better: English 101 (or its equivalent at another college); A grade of "C" or better in a college course that meets CSU GE Area A2 or IGETC Area 1A requirements; A score of 3 or higher on the following AP Exams: English Language and Composition or English Composition and Literature, or similar.

5. MATHEMATICAL COMPETENCY: Continuing students with catalog rights from prior to fall 2019 who place into any transfer-level math course have met math competency for all AA/AS degrees. Students admitted fall 2019 or later may meet competency by verifying earning a grade of C- or higher in the course typically known as Intermediate Algebra or equivalent or higher at a US regionally accredited high school or college, or through other means as defined below. A score of 3 or higher on the following AP exams: Calculus AB, Calculus BC, or Statistics, or similar. Verification of passing with a grade of C or P or higher a California Community College course that meets the California State University General Education Breadth (CSU GE Breadth) requirement in Area B4: Mathematics/Quantitative Reasoning and/or the Intersegmental General Education Transfer Curriculum (IGETC) in Area 2A: Mathematical Concepts and Quantitative Reasoning.

6. THREE GENERAL EDUCATION PLANS are offered at the colleges of the Los Angeles Community College District (LACCD) to meet the general education requirements for the associate degree. The LACCD GE Plan is appropriate for students planning to earn an associate degree without transfer. Students planning to transfer to a four-year university should follow either the CSU GE-Breadth plan or the IGETC plan. The LACCD GE plan may NOT be used for Associate Degrees for Transfer (ADTs). ADT degrees require completion of either CSU GE or IGETC (for CSU). Meet with a counselor to discuss your options.

Please see a counselor and check the LAVC College catalog for specific major requirements.

*** THIS FORM SUBJECT TO CHANGE EACH YEAR

Courses may only be used once to satisfy any GE area.		C= COMPLETED	IP= IN PROGRESS	N= NEED	C	IP	N
A. NATURAL SCIENCES		3 Semester/4 Quarter units minimum					
ANATOMY 001*	GEOLOGY 001, 002, 006*, 007* 010 (ENV SCI 007)						
ANTHRO 101, 111*, 116	MICRO 020*						
ASTRON 001, 005*	OCEANO 001, 010*						
BIOLOGY 003, 006*, 005, 007*, 010, 022, 040*	PHYS SC 001, 004, 014*						
CHEM 051*, 060*, 068*, 101*, 102*	PHYSICS 006*, 007*, 037*, 038*, 039*, 066*, 067*						
ENV SCI 001*, 007, 022*	PHYSIOL 001*						
GEOG 001, 003 (METEOR 003), 015*, 017	PSYCH 002*						
Other College _____	Advanced Placement _____						
B. SOCIAL AND BEHAVIORAL SCIENCES AND AMERICAN INSTITUTIONS		6 Semester/8 Quarter Units minimum					
B1. AMERICAN INSTITUTIONS (3 Semester/4 Quarter Units minimum)							
AFRO AM 004, 005	HISTORY 005, 006, 011, 012, 018, 020						
CHICANO 008	POL SCI 001						
ECON 010							
B2. SOCIAL AND BEHAVIORAL SCIENCES (3 Semester/4 Quarter Units minimum)							
ADM JUS 075	HISTORY 001, 002, 086						
AFRO AM 002	HUMAN 006, 008						
ANTHRO 102, 103, 104	JEWISH 025						
BRDCSTG 001, 006, 32	JOURNAL 105						
CH DEV 001*, 042	LAW 003						
CHICANO 002, 007	POL SCI 002, 005, 007						
COMM 122	PSYCH 001, 011*, 012*, 013*, 014*, 032, 041*, 052, 074*, 075, 090						
ECON 001*, 002*, 008, 030, 040, 060	SOC 001, 002, 003, 004, 011, 012, 021, 022, 025, 031, 035						
ENVSTDS 101							
GEOG 002, 009, 014, 045							
Other College _____	Advanced Placement _____						

*This course has a prerequisite or co-requisite.

ASSOCIATE DEGREE PROGRAMS

LOS ANGELES VALLEY COLLEGE - ASSOCIATE DEGREE GENERAL EDUCATION REQUIREMENTS - LACCD PLAN 2020-2021 – CONTINUED

	C	IP	N
<p>C. HUMANITIES</p> <p>AFRO AM 020 ANTHRO 121 ART 093, 094, 101, 102, 103, 105, 109, 111, 115, 116, 125, 201, 213, 501 ITALIAN 001, 002*, 003*, 004*, 005* BRDCSTG 026 CHICANO 042 (SPANISH 012), 044 (SPANISH 016), 054 CINEMA 102, 103, 104, 105, 106, 107, 113, 114 COMM 130 DANCEST 801, 802, 805 ENGLISH 105 (LING 001), 203*, 204*, 205*, 206*, 207*, 208*, 252*, 253* FRENCH 001 (or 021 or 022), 002*, 003*, 004*, 005*, 006*, 010, 025 GERMAN 001, 002*, 003*, 004*, 005*, 006*, 010</p> <p>Other College _____</p>	<p>3 Semester/4 Quarter Units minimum</p> <p>HEBREW 001 (JEWISH 011), 002* (JEWISH 012*), 010 (JEWISH 010) HISTORY 007 HUMAN 001, 002, 003, 006, 030 ITALIAN 001, 002*, 003*, 004*, 005* JEWISH 002, JEWISH 010 (HEBREW 010), JEWISH 011 (HEBREW 001), JEWISH 012* (HEBREW 002*), 035 (PHILOS 035) LING 001 (ENGLISH 105) MUSIC 101, 111, 118, 121*, 122*, 136, 141 PHILOS 001, 012, 014, 020, 028, 030, 031, 035 (JEWISH 035), 045 SPANISH 001, 002*, 003*, 004*, 005*, 006*, 009, 035, 036*, 037* THEATER 100, 110, 112</p> <p>Advanced Placement _____</p>		
<p>D. LANGUAGE AND RATIONALITY</p> <p>D1. ENGLISH COMPOSITION (3 Units Minimum) ENGLISH 101*</p> <p>D2. COMMUNICATION AND ANALYTICAL THINKING (3 semester units) CIS 101 COMM 101, 102, 104, 105*, 151 ENGLISH 103* FINANCE 008</p> <p>Other College _____</p>	<p>6 Semester/8 Quarter Units minimum</p> <p>MATH 120*, 121*, 122*, 125*, 134* 215*, 227*, 227S*, 238*, 240*, 245*, 259*, 260*, 261*, 262*, 263* PHILOS 006, 009 STAT 101*</p> <p>Advanced Placement _____</p>		
<p>E. HEALTH AND PHYSICAL EDUCATION</p> <p>E1. HEALTH EDUCATION (one course minimum) HEALTH 002 (meets both E1 & E2), 011 KIN MAJ 100, 101</p> <p>E2. PHYSICAL EDUCATION ACTIVITY (1 Semester Unit minimum) DANCEST 185, 285, 301, 302*, 801, 802, 814, 815*, 816*, 820, 822 DANCETQ 111-114*, 121-124*, 141-144*, 151-154*, 181, 182*, 221-224*, 225, 231-234*, 437 DNCESPC 161, 171-174*, 331-334*, 441-444*</p> <p>Military Credit (if applicable) _____</p> <p>Major / Area of Emphasis: Major Courses (min. 18 units)</p> <p>Electives</p>	<p>3 Semester/4 Quarter units minimum</p> <p>NRSCE 101* RESPTH 002*</p> <p>KIN 008, 009, 045, 046, 047, 049, 050, 185, 205, 206, 217-1, 217-2*, 229, 237-1, 251, 268-1, 269-1, 269-2*, 273, 285, 286, 287-1, 287-2*, 300-1, 301-1, 301-2*, 301-3*, 303-1*, 307-1, 315-1, 315-2*, 315-3*, 317-1, 317-2*, 326-1, 326-2*, 329-1, 329-2, 334, 339-1, 350-1, 350-2*, 350-3*, 350-4*, 364-1, 364-2*, 365-1, 366-1, 369-1, 369-2*, 370-1, 370-2*, 370-3, 370-4*, 371-1, 371-2*, 371-3*, 371-4*, 373-1, 373-2*, 374-1, 374-2, 385, 387-1, 387-2*, 387-3*, 387-4*, 389-1, 389-2*, 389-3*, 390, 391-1 KIN ATH 503, 504, 506, 508, 511, 512, 513, 515, 517, 549, 552, 556</p>		
<p>Competency Met: Eng: Course _____ Math: Course _____ Test _____</p>	<p>TOTAL</p>		

*This course has a prerequisite or co-requisite.