



ARTICULATION 101

This presentation will provide an overview of the articulation process; including internal and external requirements and timelines.



Topics will include:

Transfer and Articulation Basics

- Historical overview
- Definition and goals of articulation
- Roles and responsibilities of the Articulation Officer
- Types of articulation agreements and submission process

Various Levels of Course Transferability

- CSU
- UC
- CSU GE Breadth
- IGETC
- Major Preparation (Course-to-Course)
- C-ID

Articulation Timelines

Once Upon a Time...

...there were some students who wanted to transfer from one college to another.

But, there was limited access to transfer information.

Translation: *A counselor would typically sort through a myriad of catalogs and suggest which courses the student should take in order to transfer.*

It was anyone's guess whether the courses would actually satisfy transfer requirements!



This was way before we had...

Technology

- The internet
- Voicemail, e-mail, texting
- iPads, laptops
- Twitter, Facebook, Instagram
- Smart phones, tablets
- And.....

Resources

- Transfer Centers
 - Transfer Coordinators
 - Articulation Officers
- ASSIST
- Articulation Agreements
 - ADTs
 - C-ID
 - UC Transfer Pathways

Then along came...

Change

Under the 1960 California Master Plan

- The transfer function is an essential component of the commitment to access. UC and CSU are to establish a lower division to upper division ratio of 40:60 to provide transfer opportunities to the upper division for Community College students, and eligible California Community College transfer students are to be given priority in the admissions process.

Resources

Legislation in the 1980s and 1990s established:

- Transfer Centers
 - Transfer Coordinators
 - Articulation Officers
- State funding for ASSIST
- Articulation Agreements
 - ADTs
 - C-ID
 - UC Transfer Pathways

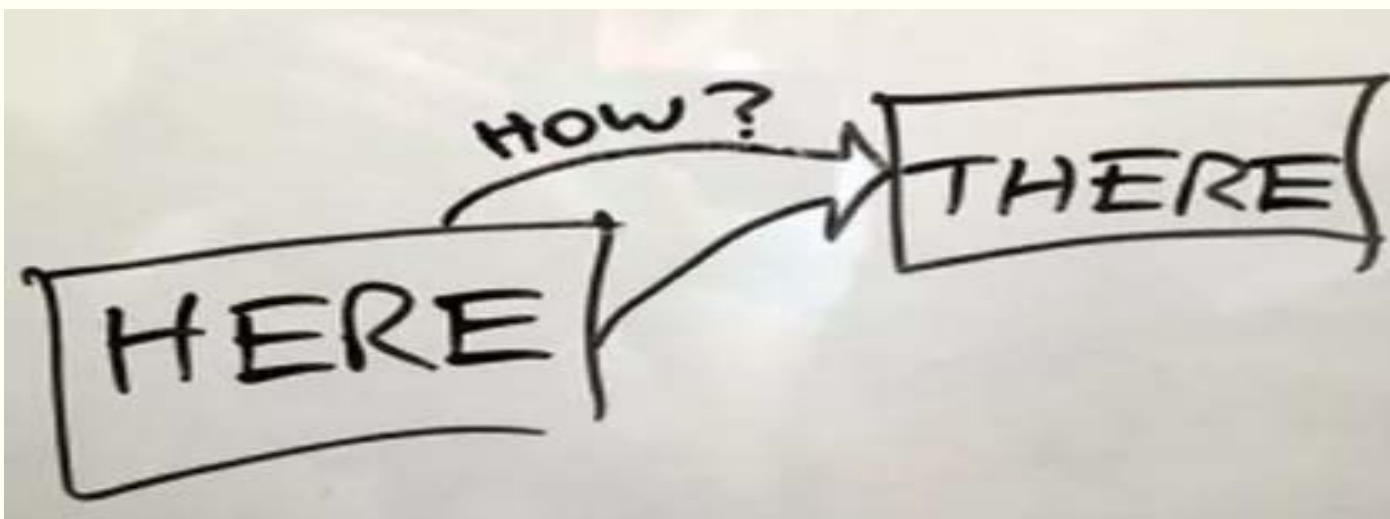
What is Articulation?

Articulation is the process of developing a formal, written agreement that identifies courses from a “sending” institution that are comparable to, or acceptable in lieu of, specific course requirements at a “receiving” institution.

Articulation Agreement by Department	
<i>Effective during the 2019-2020 Academic Year</i>	
To: University of California, Berkeley 2019-2020 General Catalog, Semester	From: Diablo Valley College 2019-2020 General Catalog, Semester
Chemistry	
CHEM 1A - General Chemistry (3.00) --- And --- CHEM 1AL - General Chemistry Laboratory (1.00)	← CHEM 120 - General College Chemistry I (5.00)
CHEM 1B - General Chemistry (4.00)	← CHEM 121 - General College Chemistry II (5.00)
CHEM 3A - Chemical Structure and Reactivity (3.00) --- And --- CHEM 3AL - Organic Chemistry Laboratory (2.00)	← CHEM 226 - Organic Chemistry I (5.00)
CHEM 3B - Chemical Structure and Reactivity (3.00) --- And --- CHEM 3BL - Organic Chemistry Laboratory (2.00)	← CHEM 227 - Organic Chemistry II (5.00)
CHEM 15 - Analytical and Bioanalytical Chemistry (3.00)	← No Course Articulated
END OF AGREEMENT	

Articulation Goals

- Assist students in meeting admissions, general education and major preparation requirements
- Reduce time to completion of student's transfer goals
- Create a smooth and seamless process for students pursuing transfer to a four-year college/university



Primary Roles and Responsibilities of the Articulation Officer

- Serves as a consultant
- Maintain all transferable courses in ASSIST
- Propose and obtain articulation for all courses
 - UC/CSU transferability
 - IGETC and CSU GE
 - C-ID
 - Course-to-course, GE and major preparations with individual colleges/universities
- Represent DVC as the liaison with all receiving institutions
 - Inform faculty, administrators, and students regarding curriculum changes
 - Consult with and advise instructional faculty about curriculum needs
 - Develop or revise curriculum as appropriate (in collaboration with faculty)
 - Serve on appropriate committees (e.g. Curriculum, GE, Technical review)
 - Advocate for students, faculty, curriculum, institution as appropriate

Different Levels of Articulation

- CSU Baccalaureate List
- UC Transfer Course Agreement (UC TCA)
- CSU GE
- IGETC
- Course to course agreements
- Major agreements
- C-ID

CSU Baccalaureate List (Bacc List)

List of courses from a CCC that are considered baccalaureate-level and transferable to the CSU system as **elective credit**.

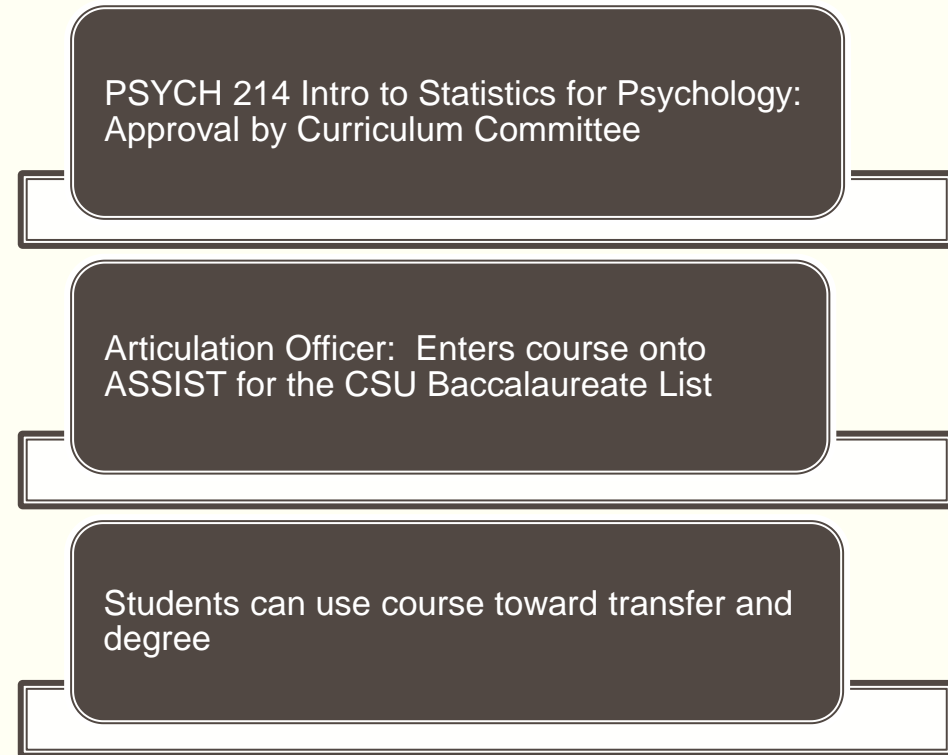
CSU E.O. 167 (1973)

- authorizes CCCs to determine which courses will be CSU transferable
- At least one comparable course
- If no comparable course then:
 - Course that “enhances understanding of analytical, intellectual, scientific or cultural concepts and traditions” or;
 - Course that “enhances understanding of occupational and professional fields...if it includes attention to appropriate theories and concepts”

Articulation Officer updates the CSU Baccalaureate list

- after courses have been approved by DVC Curriculum Committee

CSU Baccalaureate List submission process



UC Transfer Course Agreement (UC TCA)

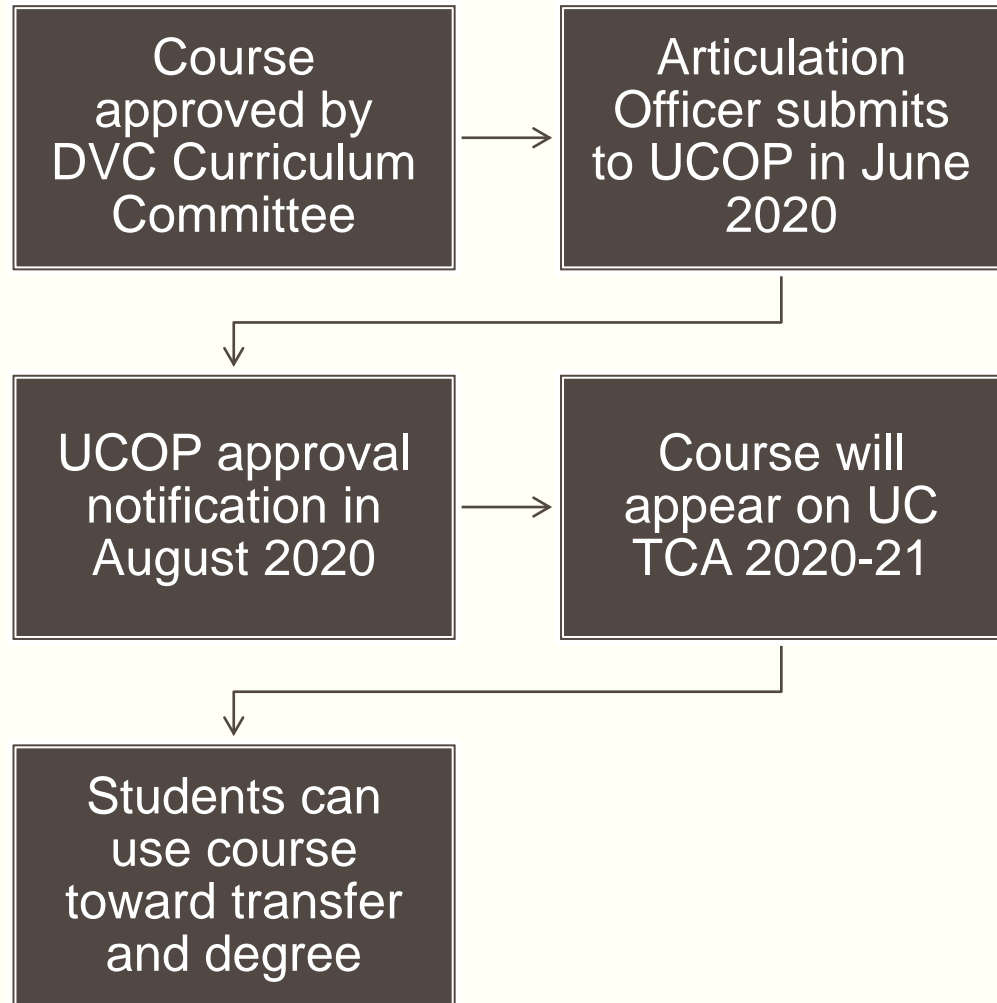
Courses proposed to and reviewed annually by UCOP for **elective credit**.

Courses must meet transfer criteria outlined by UC Office of the President

- Based on whether or not a similar course is offered at any one of the UC campuses in lower division or;
- A course may be deemed UC transferable if appropriate for university degree in terms of depth, scope, and rigor

Pending UC timeline each year, appeals occur in October for those courses denied during June-August review period.

UC TCA submission process



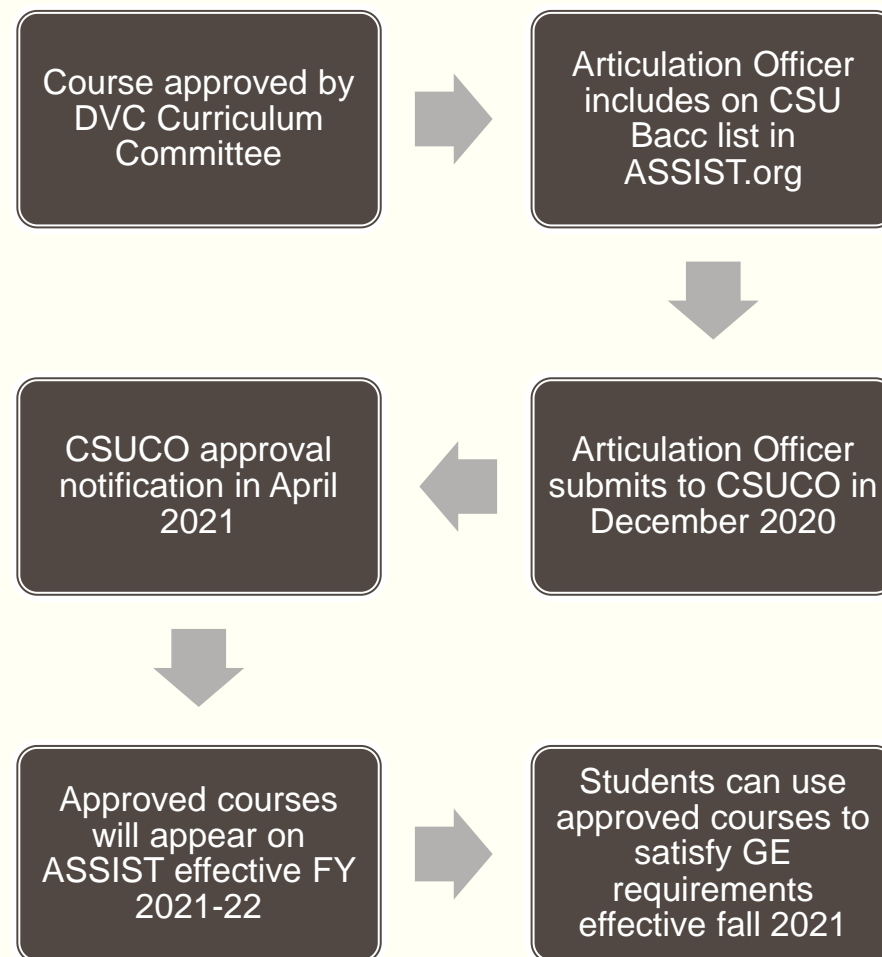
CSU GE

CSU General Education Breadth Pattern is a pattern of courses that will satisfy lower division general education requirements for all majors at any CSU campus.

CSU GE-Breadth (1993) Courses proposed for CSU GE must:

- Transfer to CSU and;
- Meet the criteria established by the CSU GE Advisory Committees (E.O. 595)
- Specific criteria for each GE area can be found in the [Guiding Notes for General Education Course Reviewers](#)

CSU GE Submission Process



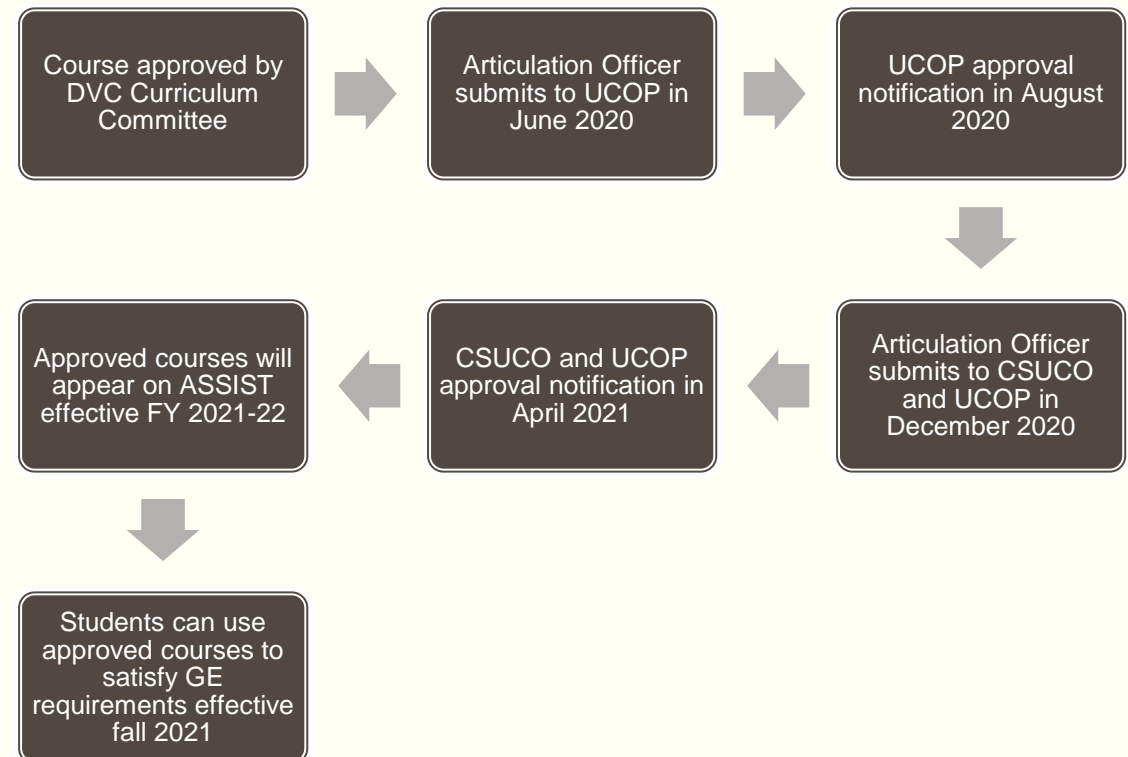
IGETC

Intersegmental General Education Transfer Curriculum is a pattern of courses that will satisfy lower division general education requirements for most majors at UC and all majors at CSU.

Courses proposed for IGETC must:

- Transfer to both UC and CSU
- Meet GE criteria as established by UC and CSU GE Advisory Committees (E.O. 595 for CSU GE; IGETC Notes/Policy for IGETC)
- Specific criteria for each GE area can be found in the [IGETC Standards 2.0](#)

IGETC Submission Process



Inside a Review

Sample of an area for review:

Arts

- CSU GE Area C1
- IGETC Area 3A

CSU GE Breadth Area C Arts and Humanities	IGETC Area 3 Arts and Humanities
<p>C1 Arts: Arts, Cinema, Dance, Music, Theatre</p> <ul style="list-style-type: none"> • Arts include the visual arts, architecture, design, music, dance, theatre, and film • courses should help students make connections between the arts and cultural and social issues, and serving as an introduction to the arts as an aesthetic and creative endeavor • skills development permitted, but only when it contributes to a broader contextual understanding of the arts • courses that exclusively emphasize skills development are not appropriate for general education • determine the degree of emphasis on skills acquisition; look at the time spent in lecture vs. activity 	<p>3A Arts</p> <ul style="list-style-type: none"> • analyze and appreciate works of philosophical, historical, literary, aesthetic and cultural importance • develop and advance historical understanding of major civilizations and cultures, both Western and non-Western, through the study of philosophy, language, literature and the fine arts • recognize contributions to knowledge, civilization, and society by men and women, and members of various ethnic or cultural groups • encourages student to analyze and appreciate works of philosophical, historical, literary, and cultural importance • historically constitutes the heart of a liberal arts general education because of the fundamental humanizing perspective for the development of the whole person

Course-to-Course Agreements

Course-to-course agreements identify courses that have been found to be comparable in prerequisites, content, objectives, and unit value.

These course agreements can be used for admission, general education, and major preparation.

Example of a course agreement

Articulation Agreement by Prefix	
<i>Effective during the 2019-2020 Academic Year</i>	
To: San Francisco State University 2019-2020 General Catalog, Semester	From: Diablo Valley College 2019-2020 General Catalog, Semester
ANTH – Anthropology	
ANTH 100 - Introduction to Biological Anthropology (3.00)	← ANTHR 140 - Biological Anthropology (3.00)
ANTH 110 - Introduction to Archaeology (3.00)	← ANTHR 125 - Introduction to Archaeology and Prehistory (3.00)
ANTH 120 - Introduction to Social and Cultural Anthropology (3.00)	← ANTHR 130 - Cultural Anthropology (3.00)
ANTH 130 - Introduction to Visual Anthropology (3.00)	← No Course Articulated
END OF AGREEMENT	

Articulation Agreement by Major

This type of articulation customizes course articulation to help students prepare for transfer in their selected majors.

Major articulation helps students satisfy lower division preparation for their selected major preparations.

Major articulation is established between DVC and the receiving institution throughout the year.

Articulation Agreement by Major
Effective during the 2019-2020 Academic Year

To: University of California, Los Angeles
2019-2020 Revised Catalog, Quarter

From: Diablo Valley College
2019-2020 Revised Catalog, Semester

Data Theory/B.S.

IMPORTANT MAJOR INFORMATION

Listed below are the lower division preparation courses for this major. Transfer applicants to the Data Theory major are admitted to the pre-major and lower division to enter the major no later than the Spring Quarter of their year at UCLA. **To be considered for this major, you must complete four semesters/five quarters of calculus through multivariable and either linear algebra or differential equations.** All courses must be taken for a letter grade. For more information regarding this major and UCLA's transfer selection process, visit: <https://www.math.ucla.edu> and www.admission.ucla.edu.

PLEASE NOTE: the community college courses listed below have been approved to satisfy the preparation requirements for this major at UCLA, but they may not be exact equivalents of the UCLA courses listed.

ADDITIONAL INFORMATION

Students are strongly encouraged complete the following coursework prior to transfer: 6 quarters of calculus (preparatory: single-variable, multivariable, and linear algebra), Stats 10 and Computing 10A (C+).

NOTE: Effective Fall 2021 admission, six quarters of calculus (preparatory: single variable, multivariable and linear algebra), Stats 10 and Computing 10A (C+) will be required preparation for this major.

LOWER DIVISION MAJOR REQUIREMENTS

MATH 31A - Differential and Integral Calculus I (5.00)	←	MATH 192 - Analytic Geometry and Calculus I (5.00)
--- Or ---		
MATH 31AL - Differential and Integral Calculus Laboratory (5.00)	←	MATH 192 - Analytic Geometry and Calculus I (5.00)
--- And ---		
MATH 31B - Integration and Infinite Series (4.00)	←	MATH 193 - Analytic Geometry and Calculus II (5.00)
--- And ---		
MATH 32A - Calculus of Several Variables (4.00)	←	MATH 292 - Analytic Geometry and Calculus II (5.00)
--- And ---		
MATH 32B - Calculus of Several Variables II (5.00)	←	MATH 292 - Analytic Geometry and Calculus II (5.00)
--- And ---		
MATH 33A - Linear Algebra and Applications (4.00)	←	MATH 194 - Linear Algebra (5.00)
--- And ---		
MATH 42 - Introduction to Data Driven Mathematical Modeling: Life, The Universe, and Everything (4.00)	←	No Course Articulated
--- And ---		
MATH 115A - Linear Algebra (5.00)	←	No Course Articulated
--- Or ---		
COMPTNG 10A - Introduction to Programming (C+) (5.00)	←	COMSC 200 - Object-Oriented Programming (C+) (4.00)

C-ID and Articulation

- C-ID – Course Identification System
- Addresses the need for common course numbers by providing a mechanism to identify comparable courses across the CCCs
- Each C-ID number is a designation that ties course to a specific course descriptor
- Developed by intersegmental discipline faculty across CSU, CCC and UC
- Descriptors used to identify major course requirements for the Associate Degrees for Transfer (ADT)
- CCC must accept every CCC course approved for the same descriptor in lieu of your course

C-ID Descriptor Example

Articulation between DVC course(s) and C-ID Descriptor: MATH 110

- BUS 240
- MATH 142
- MATH 144

C-ID Descriptors – bare minimum

Introduction to Statistics

C-ID Number	MATH 110
Discipline	Mathematics
Date Approved	October 19, 2016

General Course Description

The use of probability techniques, hypothesis testing, and predictive techniques to facilitate decision-making. Topics include descriptive statistics; probability and sampling distributions; statistical inference; correlation and linear regression; analysis of variance, chi-square and t-tests; and application of technology for statistical analysis including the interpretation of the relevance of the statistical findings. Applications using data from a broad range of disciplines.

Minimum Units

3.0

Any rationale or comments

Typically satisfies general education quantitative reasoning requirement (CSU GE B4).

Advisories/Recommendations

Course Content

Summarizing data graphically and numerically; Descriptive statistics: measurement, measures of central tendency, and variation; Sample spaces and probability; Random variables and expected value; Sampling and sampling distributions; Discrete distributions – Binomial; Continuous distributions – Normal; The Central Limit Theorem; Estimation and confidence intervals; Hypothesis Testing and inference, including t-tests for one and two populations, and Chi-square test; Correlation, regression lines, and analysis of variance (ANOVA); Applications using data from at least four of the following disciplines: business, economics, social science, psychology, political science, administration of justice, life science, physical science, health science, information technology, and education; and Technology based statistical analysis.

C-ID and the TMC for the ADT

Each Associate Degree for Transfer (ADT) has an approved Transfer Model Curriculum (TMC)

- Courses approved for a C-ID can be used where indicated on the TMC
- Enhances student access to transferable courses within ADTs statewide

Associate in Arts in Psychology for Transfer Degree						
College Name: _____						
TRANSFER MODEL CURRICULUM (TMC)		COLLEGE PROGRAM REQUIREMENTS				
Course Title (units)	C-ID Descriptor	Course ID	Course Title	Units	GE Area	
					CSU	IGETC
REQUIRED CORE: (9-11 units)						
Introduction to Statistics (3-4)	MATH 110					
Introductory Psychology (3)	PSY 110					
Introduction to Research Methods in Psychology (3) OR Introduction to Research Methods in Psychology with Lab (4)	PSY 200 OR PSY 205B					
LIST A: Select one (3-4 units)						
Introduction to Biology (3-4)	AAM					
Human Biology (3-4)	AAM					
Introduction to Biological Psychology (3)	PSY 150					
LIST B: Select one (3 units)						
Any LIST A course not already used.						

Template # 1002
Psychology

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Template Date: 03/01/11
Rev. 1: 04/11/12; Rev. 2: 03/01/13

Any course articulated as lower division preparation for the Psychology major at a CSU.	AAM					
LIST C: Select one (3 units)						
Any LIST A or B course not already used.						
Any CSU transferable Psychology course.	BCT					
Any course articulated as lower division preparation for the Psychology major at a CSU in or outside of the Psychology discipline.	AAM					
Total Units for the Major:	18	Total Units for the Major:				

Resources

UC Special Regulations for Courses in Specific Subject Areas:

<https://www.ucop.edu/transfer-articulation/transferable-course-agreements/tca-policy/regulations-by-subject-area.html>

Guiding Notes for GE Course Reviewers: <https://www2.calstate.edu/csu-system/administration/academic-and-student-affairs/academic-programs-innovations-and-faculty-development/geac/documents/GE-Reviewers-Guiding-Notes.pdf>

IGETC Standards 2.0: <http://icas-ca.org/standards-policies-and-procedures-manual>

Transfer agreements available here: www.ASSIST.org

C-ID Descriptors available here: <https://c-id.net/descriptors>

Templates for approved TMC: <https://www.cccco.edu/About-Us/Chancellors-Office/Divisions/Educational-Services-and-Support/What-we-do/Curriculum-and-Instruction-Unit/Templates-For-Approved-Transfer-Model-Curriculum>

Articulation Timeline/Deadlines

CSU Baccalaureate List – Ongoing

UC Transfer Course Agreement – June (and October pending UC timeline)

- Approved courses valid fall semester of year submitted

CSU GE Breadth – December

- Approved courses valid the following academic year

IGETC – December

- Approved courses valid the following academic year

C-ID – Ongoing

- Courses on an ADT requiring C-ID must be proposed and either approved or pending review



QUESTIONS?