

California Community Colleges Chancellor's Office: Associate Degree for Transfer Proposal Review

Presenters:

Stephanie Ricks-Albert
and
Ken Nather

Curriculum Institute
Hayes Mansion
San Jose, CA
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CALIFORNIA COMMUNITY COLLEGES

Agenda

Transfer Model Curriculum

- Overview
- Approved TMC Disciplines

Associate Degree for Transfer Proposal Development

- Local Roles in Degree Development Process
- ADT Proposal Resources
- New Program Proposals
- Proposal Fields
- Development Criteria Narrative
- Transfer Model Curriculum (TMC) Template
- ASSIST Reports
- Double-counting



Academic Affairs ADT Staff

- **Preliminary Review**

- **David Garcia**

- **Secondary Review**

- **Jackie Escajeda**

- **Erin Larson**

- **Stephanie Ricks-Albert**

- **Ken Nather**



Transfer Model Curriculum


Overview

- Transfer Model Curriculum (TMC) developed and vetted intersegmentally (CCC and CSU) is a statewide model for specific disciplines
- Built on the C-ID
- Represents (CCC and CSU) faculty consensus
- Serves as a blueprint to guide local Associate Degree for Transfer (ADT) development
- Provides for some uniformity in CCC System
 - Establishes “Core” requirements for transfer
 - Establishes a transfer pathway to the CSU System
 - Faculty can specify the course options or pass choices on to students



Approved TMC Disciplines (32)

- Administration of Justice
- Agriculture Animal Sciences
- Agriculture Business
- Agriculture Plant Sciences
- Anthropology
- Art History
- Business Administration
- Chemistry
- Child and Adolescent Development
- Communication Studies
- Computer Science
- Early Childhood Education
- Economics
- Elementary Teacher Education
- English
- Film, Television & Electronic Media
- Geography
- Geology
- History
- Journalism
- Kinesiology
- Mathematics
- Music
- Nutrition & Dietetics
- Philosophy
- Physics
- Political Science
- Psychology
- Sociology
- Spanish
- Studio Arts
- Theatre Arts

 (22) Part of the 100% goal



Associate Degree for Transfer Proposal Development



CALIFORNIA COMMUNITY COLLEGES

Local Roles in ADT Development Process

- **Discipline Faculty:** Develop an ADT in a discipline aligned with TMC; and select the best options from TMC.
- **Curriculum Committee:** Facilitates the local approval process through Board of Trustees.
- **Articulation Officer:** Submit courses for C-ID approval and assists departments with articulation questions and securing applicable ASSIST reports.
- **Counselors:** Provide input on major and GE unit requirements and facilitate communication of new degree requirements and benefits to students.
- **Administrators:** Ensure compliance with SB 1440 and Program and Course Approval Handbook (PCAH) 5th Edition – Appendix B; oversee submission of proposal to CCC Chancellor's Office.



ADT Proposal Resources

<http://www.c-id.net>

C-ID draft and final course descriptors
List of draft and final TMCs

<http://extranet.cccco.edu/Divisions/AcademicAffairs/CurriculumandInstructionUnit/TransferModelCurriculum.aspx>

TMC Templates
General Education Requirements
ADT Status Reports

<http://curriculum.cccco.edu>

Curriculum Inventory
Program and Course Approval Handbook (PCAH) - 5th Edition -
Appendix B



New Program Proposals

General Overview

- All ADT proposals require a Narrative, TMC Template, and applicable ASSIST reports.
- Discipline faculty should consult with Counselors or Articulation Officer regarding the transfer and articulation of degree major courses and consider local CSU's major course requirements when selecting their courses in the optional categories.
- Refer to Program and Course Approval Handbook (PCAH), 5th Edition – Appendix B for specific instructions on application fields, completing narrative, and including appropriate supporting documentation.
- ADT proposals require CCC Chancellor's Office approval prior to implementation.



Proposal Fields

Take Action

[Back to List](#)

Current Program Information [OXNARD]

[Print](#)

SPO2: Program Award

Y - A.A.-T Degree

Faculty Workload

1

College has submitted all courses with C-ID descriptors to C-ID for review

☒ Yes ☐ No

Until all courses have been submitted to C-ID, this proposal cannot be submitted to the Chancellor's Office for review and approval.

New Faculty Positions

0

New Equipment

0

Program Title

Kinesiology

New/Remodeled Facilities

0

Program Goal

T - Transfer

Library Acquisitions

0

SP01: Program TOP Code

127000 - Kinesiology

Program Review Date

11/2016

Units for Degree Major or Area of Emphasis (Minimum)

22

Apprenticeship

☐ Yes ☒ No

Units for Degree Major or Area of Emphasis (Maximum)

28

Distance Education

- 0%

Total Units for Degree (Minimum)

60

District Governing Board Approval Date

12/11/2012

Total Units for Degree (Maximum)

60

By entering a date, the college certifies that the program was approved by the governing board of the district, pursuant to Title 5 sections 55002 and 55100.

Annual Completers

10



CALIFORNIA COMMUNITY COLLEGES

Supporting Documentation

Title	Doc Type	Date
Kinesiology Narrative	Narrative	4/8/2014 2:40:20 PM
AAM CHEM R104 Prep for CSULB	ASSIST Articulation	4/8/2014 2:44:24 PM
CSUDH Art for PE Fitness Director	ASSIST Articulation	4/8/2014 2:45:25 PM
CSUDH Art for PE Teaching Option	ASSIST Articulation	4/8/2014 2:46:03 PM
CSULB Artic for PE/Kin Major	ASSIST Articulation	4/8/2014 2:46:58 PM
CSUDH PE Major Prep Articulation	ASSIST Articulation	4/8/2014 2:47:45 PM
CSUDH Major Prep	ASSIST Articulation	4/8/2014 2:48:42 PM
CSUSB Major Prep	ASSIST Articulation	4/8/2014 2:49:52 PM
ANAT R101	Course Outline of Record	4/8/2014 2:50:17 PM
CHEM R104	Course Outline of Record	4/8/2014 2:50:54 PM
CHEM R120	Course Outline of Record	4/8/2014 2:51:19 PM
DANC R102A	Course Outline of Record	4/8/2014 2:51:53 PM
DANC R104A	Course Outline of Record	4/8/2014 2:52:13 PM
DANC R110	Course Outline of Record	4/8/2014 2:52:34 PM
HED R105	Course Outline of Record	4/8/2014 2:52:59 PM
HED R110	Course Outline of Record	4/8/2014 2:53:18 PM
PE R130	Course Outline of Record	4/8/2014 2:54:10 PM
PE R131A	Course Outline of Record	4/8/2014 2:54:32 PM
PE R131B	Course Outline of Record	4/8/2014 2:54:56 PM

Course Report

Type	Control #	Dept #	Title	CB03	Units/Hours
Core Courses	CCC000452574	ANATR101	GENERAL HUMAN ANATOMY	041000	4 - 4
Core Courses	CCC000544127	HED R110	Introduction to Kinesiology	083700	3 - 3
Core Courses	CCC000523507	PHSO R101	Human Physiology	041000	5 - 5
Restricted Electives	CCC000499607	CHEMR104	GENERAL, ORG, & BIO CHEMISTRY	193000	5 - 5
Restricted Electives	CCC000230504	CHEMR120	GENERAL CHEMISTRY I	190500	5 - 5
Restricted Electives	CCC000527274	DANC R102A	Modern Dance I	083500	2 - 2
Restricted Electives	CCC000527276	DANC R104A	Modern Jazz I	083500	2 - 2
Restricted Electives	CCC000527278	DANC R110	Mexican Folklorico Dance	083500	2 - 2
Restricted Electives	CCC000101470	HEDR105	FIRST AID/PERSONAL SAFETY	083700	3 - 3
Restricted Electives	CCC000330359	MATHR105	INTRODUCTORY STATISTICS	170100	4 - 4
Restricted Electives	CCC000523467	PE R131B	Knock Out Fitness/Kickboxing II	083500	2 - 2
Restricted Electives	CCC000523466	PE R133B	Boxing for Fitness II	083500	2 - 2
Restricted Electives	CCC000544308	PE R134A	ESCRIMA/FILIPINO MARTIAL ARTS	083500	1 - 1
Restricted Electives	CCC000022726	PER130	MARTIAL ARTS-JUJITSU	083500	2 - 2
Restricted Electives	CCC000056936	PER131A	KOFIT/AEROBIC KICKBOXING I	083500	1.5 - 2
Restricted Electives	CCC000203357	PER133A	BOXING FOR FITNESS I	083500	1.5 - 2



Development Criteria Narrative

Title

- ✓ Associate in Arts in (*TMC Discipline*) for Transfer Degree
- ✓ Associate in Science in (*TMC Discipline*) for Transfer Degree

Example:

Associate in Arts in Psychology for Transfer Degree

Associate in Science in Physics for Transfer Degree



Development Criteria Narrative

Item 1. Statement of Program Goals and Objectives

- ✓ Identifies the goals and objectives for the program.
- ✓ Identifies the CSU baccalaureate degree programs for which students will be prepared to enter upon successful completion of the ADT.
- ✓ Stipulates the primary focus of the law, to assist students in a seamless transfer to a CSU to complete a baccalaureate degree in **a TMC discipline** or similar major.
- ✓ May include the program level Student Learning Outcomes (SLOs).
- ✓ If the ADT program goal selected is “**Career Technical Education (CTE) and Transfer**” – include the specific entry-level occupation(s) or field(s) the program will prepare students to enter and the basic occupational competencies students will acquire.



Development Criteria Narrative

Item 2. Catalog Description

- ✓ Includes an overview of the knowledge and skills students will demonstrate upon completion
- ✓ Includes Associate Degree for Transfer requirements pursuant to SB 1440:
 - Completion of 60 semester units or 90 quarter units that are eligible for transfer to the California State University.
 - The Intersegmental General Education Transfer Curriculum (IGETC) or the California State University General Education – Breadth Requirements.
 - A minimum of 18 semester units or 27 quarter units in a major or area of emphasis, as determined by the community college district.
 - Obtainment of a minimum grade point average of 2.0.”
 - A grade of “C” or better in all courses required for the major or area of emphasis.
- ✓ If the ADT program goal selected is “**Career Technical Education (CTE) and Transfer**” list the potential entry-level careers students may enter upon completion.



Development Criteria Narrative

Item 3. Program Requirements (optional)

- ✓ Most colleges include Item 3 because it allows the Chancellor's Office to recognize the requirements/restrictions not easily discernible on the TMC Templates, although it is not required.



Associate in Arts in Geography for Transfer Degree					
College Name: *****					
TRANSFER MODEL CURRICULUM (TMC)		COLLEGE PROGRAM REQUIREMENTS			
Course Title (units)	C-ID Descriptor	Course ID	Course Title	Units	CSU-GE/IGETC Area
REQUIRED CORE: (6-7 units)					
Introduction to Physical Geography (3)¶OR¶	GEOG-110¶OR¶	*****	*****	*****	*****
Introduction to Physical Geography with Laboratory (4)¶OR¶	GEOG-115¶ ¶OR¶			¶	
Introduction to Physical Geography (3)¶AND¶	GEOG-110¶AND¶				
Physical Geography Laboratory (1)¶	GEOG-111¶				
Introduction to Human Geography (3)¶	GEOG-120¶	*****	*****	*****	*****
LIST A: Select two to three (6-7 units)					
Physical Geography Laboratory (1) (If GEOG-115 or GEOG-111 not taken in REQUIRED CORE)¶	GEOG-111¶	*****	*****	*****	*****
World Regional Geography (3)¶	GEOG-125¶	*****	*****	*****	*****
California Geography (3)¶	GEOG-140¶	*****	*****	*****	*****
Introduction to Geographic Information Systems and Techniques with Laboratory (2)¶	GEOG-155¶	*****	*****	*****	*****
Map Interpretation and Analysis (2)¶	GEOG-150¶	*****	*****	*****	*****
Introduction to Weather and Climate (3)¶	GEOG-130¶	*****	*****	*****	*****
Regional Field Studies (1)¶	GEOG-160¶	*****	*****	*****	*****
LIST B: Select two (6 units)					
Any course from LIST A not already used.¶					
Any CSU transferable Geography course.¶	BCT ¶	*****	*****	*****	*****
Any course (in or outside of the Geography discipline) that is articulated as lower division preparation in for the Geography major at a CSU.¶	AAM ¶	*****	*****	*****	*****
Introduction to Cultural Anthropology (3)¶	ANTH-120¶	*****	*****	*****	*****
Physical Geology (3)¶	GEOL-100¶	*****	*****	*****	*****
Total Units for the Major:	18	Total Units for the Major:			
				sum	

Development Criteria Narrative

Item 3. Program Requirements

✓ Example

		CCC-1		CCC-3		CCC-4	
LIST A: Select two to three (6-7 units)							
Physical Geography Laboratory (1) (If GEOG 115 or GEOG 111 not taken in REQUIRED CORE)	GEOG 111			GEOG-3	1	GEOG-1L	2
World Regional Geography (3)	GEOG 125	GEOG-2	3	GEOG-8	3	GEOG-40	3
California Geography (3)	GEOG 140	GEOG-18	3	GEOG-10	3	GEOG-48	3
Introduction to Geographic Information Systems and Techniques with Laboratory (2)	GEOG 155					GEOG-10	3
Map Interpretation and Analysis (2)	GEOG 150						
Introduction to Weather and Climate (3)	GEOG 130					GEOG-20	3
Regional Field Studies (1)	GEOG 160					GEOG-15F	2
LIST B: Select two (6 units)							
Any course from LIST A not already used.							
Any CSU transferable Geography course.	BCT	GEOG-16	1	GEOG-5	3		
Any course (in or outside of the Geography discipline) that is articulated as lower division preparation in for the Geography major at a CSU.	AAM	CIS-7	3			GEOG-5	3
						STAT-1	3
						POLSC-12	3
Introduction to Cultural Anthropology (3)	ANTH 120			ANTH-4	3	ANTH-2	3
Physical Geology (3)	GEOL 100	GEOL-1	4	GEOL-10	3	GEOL-2	3
Total Units for the Major: 18		20-21		19		18-19	



Development Criteria Narrative

Item 3. Program Requirements

✓ Example

<u>ccc-1</u>			<u>ccc-3</u>			<u>ccc-4</u>		
Required Courses (13 units)			Required Core Courses (7 units)			Required Core (6 units)		
GEOG-01	Physical Geography	4	GEOG-04	Cultural Geography	3	GEOG-02	Cultural Geography	3
GEOG-02	World Regional Geography	3	GEOG-02	Physical Geography	3	GEOG-01	Physical Geography	3
GEOG-03	Cultural Geography	3	GEOG-03	Physical Geography Lab	1	<u>List A (6-7 units)</u>		
GEOG-18	California Geography	3	<u>List A (select 6 units)</u>			GEOG-01L	Physical Geography Lab	2
Select Two or Three Courses (6 units)			GEOG-08	World Regional Geography	3	GEOG-40	World Regional Geography	3
GEOG-16	Regional Field Studies	1	GEOG-10	Geography of California	3	GEOG-48	Geography of California	3
CIS-07	Computer Concepts	3	<u>List B (select 6 units)</u>			GEOG-10	Introduction to GIS	3
GEOL-01	Physical Geology	4	20-21 ANTH-4	Cultural Anthropology	3	GEOG-20	Weather and Climate	3
			GEOG-05	Economic Geography	3	GEOG-15F	Field Studies in Geography	2
			GEOL-10	Physical Geology	3	<u>List B (6 units)</u>		
						19 Any List A course not used above		
						GEOG-05	The Global Economy or	3
						ECON-05	The Global Economy	4
						STAT-01	Elementary Statistics	3
						STAT-01H	Elementary Statistics Honors	3
						POLSCI-12	Comparative Government	3
						ANTH-2	Cultural Anthropology	3
						ANTH-2H	Cultural Anthropology Honors	3
						GEOL-02	Physical Geology	3
						<u>18-19</u>		



TMC Template

- CCCCCO Academic Affairs Division staff develops the TMC Templates from the Transfer Model Curriculum approved by Intersegmental Curriculum Workgroups (CCC and CSU).
- TMC Templates (new/revised) are now released twice per year, Feb 1st, and September 1st.
- All courses entered in the Required Core and List A, where a C-ID Descriptor is indicated, must be submitted to C-ID prior to submitting the ADT proposal to the Chancellor's Office and the courses must have an acceptable C-ID status of: Approved, Conditional, Submitted, In Progress, or Re-Submitted.



TMC Template

- ****NOTE:** Prior to June 30, 2015, colleges need to verify that courses entered on CCCCO approved TMC Template, where C-ID descriptors are available, have been awarded C-ID “Approved” status. No other C-ID course status will be accepted. The requirement of C-ID verification applies to courses entered on approved TMC Templates for both new and previously approved ADTs. Effective July 1, 2015, ADTs that do not meet the C-ID verification requirement will be deactivated by the CCCCO, and will need to be resubmitted once courses within the ADT receive an “approved” C-ID status.
- CCCs must use the current CCCCO approved TMC Template. Regenerated/Modified TMC templates are not acceptable.



Associate in Science in Administration of Justice for Transfer Degree					
College Name: _____					
TRANSFER MODEL CURRICULUM (TMC)		COLLEGE PROGRAM REQUIREMENTS			
Course Title (units)	C-ID Descriptor	Course ID	Course Title	Units	CSU-GE/IGETC Area
REQUIRED CORE: (6 units)					
Introduction to Criminal Justice (3)	AJ-110	_____	_____	_____	_____
Concepts of Criminal Law (3)	AJ-120	_____	_____	_____	_____
LIST A: Select two (6 units)					
Criminal Court Process (3)	AJ-122	_____	_____	_____	_____
Legal Aspects of Evidence (3)	AJ-124	_____	_____	_____	_____
Criminal Investigation (3)	AJ-140	_____	_____	_____	_____
Introduction to Forensics (3)	AJ-150	_____	_____	_____	_____
Community and the Justice System	AJ-160	_____	_____	_____	_____
Introduction to Corrections (3)	AJ-200	_____	_____	_____	_____
Juvenile Procedures (3)	AJ-220	_____	_____	_____	_____
LIST B: Select two (6 units)					
Any course from LIST A not already used					
Introduction to Sociology (3)	SOCI-110	_____	_____	_____	_____
Introduction to Statistics in SociologyOR Introduction to Statistics (3)OR Comparable course (3)	SOCI-125OR MATH-110OR AAM	_____	_____	_____	_____
Introductory Psychology (3)	PSY-110	_____	_____	_____	_____
Any CSU transferable Administration of Justice courseOR Courses outside of Administration of Justice discipline articulated as lower division preparation for the Criminal Justice or Criminology major at any CSU (3)	BCTOR AAM	_____	_____	_____	_____
Total Units for the Major:	18	Total Units for the Major: sum _____			
		Total Units that may be double-counted sum _____ <i>(Ensure that the total for each Area does not exceed the limit for the specific Area)</i>			
		General Education (CSU-GE or IGETC) Units _____			
		Elective (CSU Transferable) Units sum _____			
		Total Degree Units (maximum) 60			

TMC Template

- Enter the college name where indicated.
- Format/align the C-ID Descriptor with the Course ID, Course Title, Course Units and CSU-GE/IGETC Area Code for **each** course entered on the TMC template.
- Course ID column - requires the course department number only, no additional text is allowed.
- Course Title column - requires the course title listed on the official course outline of record. 'AND' and 'OR' can be entered between course titles.



TMC Template

- Unit column – requires the course unit value only, no additional text is allowed.
- CSU-GE/IGETC Area column – requires the complete code for the GE Area the course satisfies only (e.g.. A1, B3, C2, D9, 2A, 3A, 3B, 4J), no additional text is allowed.
- Total Units that may be double-counted field - must not exceed the limit established for the specific GE Area (IGETC or CSU-GE), not the course unit value assigned by the college. (e.g. IGETC: Area 1 = 9 units, Area 4 = 9 units, CSU-GE: Area A = 9 units, Area B = 10 units, etc.).



TMC Template

- General Education (CSU-GE or IGETC) Units field – requires the minimum GE requirement range of 37-39 units for these GE patterns. CSU allows the maximum number of units for each GE area and the other units to be counted towards transferable electives up until the transferable unit cap is reached. Any additional units beyond the minimum requirement must be included in the Elective (CSU Transferable) Units field of the TMC template. The total degree units cannot exceed 60 units.
- No ASSIST report is required to validate courses entered where a C-ID Descriptor is indicated.
- Ensure all courses entered on TMC Template are included in **Course Report** and the **Course Outline of Records** are attached.



ASSIST Reports

A current ASSIST report (as identified on the TMC Template) is required for courses entered on the TMC Template where no **C-ID Descriptor** is indicated. The ADT requires the following ASSIST reports:

1. Articulated courses – Articulation Agreement by Major (AAM)

7/1/2014

www.assist.org

Page 1

Articulation Agreement by Major

Effective during the 13-14 Academic Year

To: CSU Sacramento

From: American River College

12-14 General Catalog

Semester

13-14 General Catalog

Semester

=====

====Anthropology====

A. REQUIRED LOWER-DIVISION PREPARATION:

ANTH 1

INTRO PHYSICAL ANTHRO

(3)

ANTH 300

Physical Anthropology

(3)

ANTH 1A

PHYSICAL ANTH LAB

(1)

ANTH 301

Physical Anthropology

(1)

Laboratory

ANTH 2

INTRO CULTURAL ANTHRO

(3)

ANTH 310

Cultural Anthropology

(3)



ASSIST Reports

2. Transfer courses – CSU Baccalaureate Level Course List by Department (BCT)

7/1/2014

www.assist.org

Page 1

CSU Baccalaureate Level Course List by Department
American River College

14-15

Course	Title	Semester Units
==== Chemistry ====		
CHEM 305	Introduction to Chemistry	5
IGETC: 5A, 5C CSU GE: B1, B3		
CHEM 306	Introduction to Chemistry	5
CHEM 309	Integrated General, Organic, and Biological Chemistry	5
CSU GE: B1, B3		
CHEM 310	Chemical Calculations	4
CHEM 311	Strategies for Problem Solving in Chemistry	.75
CHEM 334	Chemistry in the Kitchen	3
CHEM 400	General Chemistry	5
IGETC: 5A, 5C CSU GE: B1, B3		
CHEM 401	General Chemistry	5
IGETC: 5A, 5C CSU GE: B1, B3		
CHEM 410	Quantitative Analysis	5
CHEM 420	Organic Chemistry	5
CHEM 421	Organic Chemistry	5
CHEM 423	Organic Chemistry - Short Survey	5
IGETC: 5A, 5C CSU GE: B1, B3		



ASSIST Reports

3. General Education (GE) courses – CSU GE Certification Course List by Area or Department (GECC)

7/1/2014

www.assist.org

Page 1

CSU GE Certification Course List by Department
American River College
14-15

Course	Title	Smstr Units	Cert Area	Date Apprvd	Date Rmvd
==== Biology ====					
BIOL 1A	Principles of Biology	5	B2	F80	SU03
			B3	F80	SU03
BIOL 2	Principles of Botany	5	B2	F91	SU03
			B3	F91	SU03
BIOL 3	Principles of Zoology	5	B2	F91	SU03
			B3	F91	SU03
BIOL 4	General Bacteriology	5	B2	F80	SU03
			B3	F80	SU03
BIOL 5	Survey of Biology	4	B2	F93	SU03
			B3	F93	SU03
BIOL 6	General Microbiology	4	B2	F84	SU03
			B3	F84	SU03
BIOL 10	Natural History	4	B2	F86	SU03
			B3	F86	SU03
BIOL 12	The Foundations of Biology	3	B2	F82	SU03
BIOL 15	Introduction to Marine Environment	4	B2	F86	SU03
			B3	F97	SU03



ASSIST Reports

- The required ASSIST report (AAM, BCT or GECC) is indicated on the TMC template in the C-ID Descriptor column.
- No substitute documentation is accepted for ASSIST reports.
- No other ASSIST report is accepted.
- ASSIST Reports can be downloaded from <http://www.assist.org> by following these steps:
 - From drop-down window, Select CCC institution
 - From drop-down window, Select either:
 - A) Under Agreements with other Campuses, select the Institution, or
 - B) CSU Transferable Courses (BCT), or
 - C) CSU-GE Breadth Certification Courses (GECC)
 - From drop-down window, Select Department
 - Click on 'Print This Report'
 - Click on 'File,' then 'Save As,' – the report will be saved as a PDF file.



Double-counting

- **California Code of Regulations, title5, § 55063. Minimum Requirements for the Associate Degree.**

(c) While a course might satisfy more than one general education requirement, it may not be counted more than once for these purposes. A course may be used to satisfy both a general education requirement and a major or area of emphasis requirement. Whether it may be counted again for a different degree requirement is a matter for each college to determine.

- A hyperlink to the GE Requirements is available in the Curriculum Inventory by following this path:
 - Click on 'Admin' tab,
Click on 'Resources,' under 'Documents (PDF Downloads)'
Click on 'General Education Requirements (ASSIST.org).'
- Must account for the ASSIST number of units that may be double-counted for each GE (IGETC or CSU-GE) area, not the course unit value assigned by the college.



CSU-GE Breadth (39 sem/52-65 qtr units)**Area A** Communication in the English Language and Critical Thinking**(one course each from sub area)**3 4 5 **A1 - Oral Communication**3 4 5 **A2 - Written Communication**3 4 5 **A3 - Critical Thinking****9s 12q 15q****Area B** Physical Universe and Its Life Forms**(one course each from sub area (one to contain a lab))**3 4 5 **B1 - Physical Science**3 4 5 **B2 - Life Science**1 1 1 **B3 - Laboratory Activity**3 4 5 **B4 - Mathematics/Quantitative Reasoning****10s 13q 16q****Area C** Arts, Literature, Philosophy, and Languages Other Than English**(at least one course each from sub area)**3 4 5 **C1 - Arts (Arts, Cinema, Dance, Music, Theater)**3 4 5 **C2 - Humanities (Literature, Philosophy, Languages Other Than English)**3 4 5 **C1 or C2****9s 12q 15q****Area D** Social, Political, and Economic Institutions**(courses from at least 2 disciplines)****D0 - Sociology and Criminology****D1 - Anthropology and Archeology****D2 - Economics****D3 - Ethnic Studies****D4 - Gender Studies****D5 - Geography****D6 - History****D7 - Interdisciplinary Social or Behavioral Science****D8 - Political Science, Government and Legal Institutions****D9 - Psychology****9s 12q 15q****Area E** Lifelong Learning and Self-Development**3s 4q 5q E - Lifelong Learning and Self-Development****IGETC (37 sem/49-62 qtr units)****Area 1** English Communication**(one course each from sub area)**3 4 5 **1A - English Composition**3 4 5 **1B - Critical Thinking - English Composition**3 4 5 **1C - Oral Communication** (required by CSU only)**9s 12q 15q****Area 2** Mathematical Concepts and Quantitative Reasoning**3s 4q 5q 2A - Math****Area 3** Arts and Humanities**(at least one course each from sub area)**3 4 5 **3A - Arts**3 4 5 **3B - Humanities**3 4 5 **3A or 3B****9s 12q 15q****Area 4** Social & Behavioral Sciences**(courses from at least 2 disciplines)****4A - Anthropology and Archaeology****4B - Economics****4C - Ethnic Studies****4D - Gender Studies****4E - Geography****4F - History****4G - Interdisciplinary, Social & Behavioral Sciences****4H - Political Science, Government & Legal Institutions****4I - Psychology****4J - Sociology & Criminology****9s 12q 15q****Area 5** Physical & Biological Sciences**(one course each from sub area (one to contain a lab))**3 4 5 **5A - Physical Science**3 4 5 **5B - Biological Science**1 1 1 **5C - Laboratory Activity****7s 9q 11q**

REQUIRED CORE: (12-13 units)					
Principles of Macroeconomics (3)	ECON-202	ECON-1	Principles of Macroeconomics	3	D2, 4
Principles of Microeconomics (3)	ECON-201	ECON-2	Principles of Microeconomics	3	D2, 4
Introduction to Statistics (3)	MATH-110	MATH-15	Elementary Statistics	4	B4, 2
Business Calculus (3) OR Single Variable Calculus I -- Early Transcendentals (4)	MATH-140 OR MATH-210				
OR Single Variable Calculus I -- Late Transcendentals (4)	OR MATH-211				
OR Single Variable Calculus Sequence (4+4)	OR MATH-900S*	MATH-1A	Calculus, First Course AND MATH-1B	5 5	B4, 2 B4, 2

LIST A: Select one (3-4 units)					
Any course(s) that is articulated as major preparation for the Economics major at any CSU (3-4)	AAM	AGBUS-7	Agricultural Economics	3	D
		BAD-18	The Legal Environment of Business	3	
		ENGL-5	Advanced Composition and Critical Thinking	3	A3, 1B
		MATH-9	Finite Mathematics	3	B4, 2
		PHIL-5	Critical Thinking/Writing	3	A3, 1B
		SOC-1	Introduction to Sociology	3	D0, 4
		SPCH-3A	Introduction to Argumentation	3	A3
		SPCH-9	Critical Thinking and Argumentation	3	A3, 1B
Finite Mathematics (3)	MATH-130				
Single Variable Calculus II -- Early Transcendentals (4) OR Single Variable Calculus II -- Late Transcendentals (4) OR Single Variable Calculus Sequence (4+4)	MATH-220 OR MATH-221 OR MATH-900S*				
Financial Accounting (3)	ACCT-110	BAD-1	Financial Accounting	4	
Managerial Accounting (3)	ACCT-120	BAD-2	Managerial Accounting	4	
Business Information Systems, Computer Information Systems (3)	BUS-140	CS-84.21	Management Information Systems	3	
Business Communication (3)	BUS-115				

LIST B: Select one course (3-4 units)					
Any course(s) not used in LIST A		ECON-12	Introduction to Economics and the Environment	3	D2, 4
Any CSU transferrable lower division Economics course	BCT				
Multivariable Calculus (4)	MATH-230				
Introduction to Linear Algebra (3)	MATH-250				
Total Units for the Major:	18	Total Units for the Major:		26-27	

Total Units that may be double-counted (Ensure that the total for each Area does not exceed the limit for the specific Area)	9-15
General Education (CSU-GE or IGETC) Units	37-39
Elective (CSU-Transferable) Units	3-12
Total Degree Units (maximum)	60

Double-Count Possibilities

	CSU-GE	GETC
Required Core	3+3+3+0+0 = 9 d2+d2+b4+b4+b4	3+3+3+0+0=9 4b+4b+2a+2a+2a
List A	0 0 0 3 3 0 b4 d2 d0 a3	3 0 3 1b 2a 4j
List B	1 d2=0 d2=0 d2=0 d2=0 d2=0 a3=3 a3=3 a3=3 a3=3 a3=0 b4=0 b4=0 b4=0 b4=0 b4=0 d0=3 d0=3 d0=3 d0=0 d0=3	4b=0 4b=0 4b=0 1b=0 1b=3 1b=3 2a=0 2a=0 2a=0 4j=3 4j=3 4j=0
	9+0+0 9 9+0+3 12 9+3+0 12 9+3+3 15	9+0+0 9 9+0+3 12 9+3+0 12 9+3+3 15

Db1Count = 9-12-15

A=	0-3	1=	0-3
B=	3	2=	3
D=	6-3	4=	6-3

9-15

9-15

Elective Calculations

Major	26 26	26 26	26 26
Dbl Count	9 9	12 12	15 15
	17 17	14 14	11 11
GenEd	37 39	37 39	37 39
	54 56	51 53	48 50
Electives	6 4	9 7	12 10
	60 60	60 60	60 60
	28 28	28 28	28 28
	9 9	12 12	15 15
	19 19	16 16	13 13
	37 39	37 39	37 39
	56 58	53 55	50 52
	4 2	7 5	10 8
	60 60	60 60	60 60

E = 2-12

	Units	Total
ReqCore	20	20
List A	3-4	23-24
List B	3-4	<u>26-28</u>



Double-counting

Double-Count Possibilities

		<u>CSU-GE</u>	<u>IGETC</u>
		B=3	2=3
		D=9	3=3
		12	4=9
			15
Required Core		3 d8	3 4h
List A	3	3+0+3 d8+0+b4	3+0+3 4h+0+2a
List B	2	0-3 0+d8 = 0 0+d(0,2,3,5,6) = 3 d(0,2,3,5,6) + d(0,2,3,5,6) = 3	0-3-6 0+4h = 0 0+3b = 3 0+4(b,e,f,g,j) = 3 4(b,e,f,g,j) + 4(b,e,f,g,j) = 3 3b + 4(b,e,g,j) = 6
		3+6+0 9	3+6+0 9
		3+6+3 12	3+6+3 12
			3+6+6 15

DblCnt = 9-15

Elective

Calculations

Major	19	19	19	19	19
DblCount	9	9	12	12	15
	10	10	7	7	4
Gen Ed	37	39	37	39	37
	47	49	44	46	41
Electives	13	11	16	14	19
	60	60	60	60	60

E = 11-19

	Units	Total
Req Core	3	3
List A	10	13
List B	6	19





Send curriculum questions to:

curriculum@cccoco.edu

Send curriculum technical issues to:

CiTechIssues@cccco.edu



CALIFORNIA COMMUNITY COLLEGES