

STATEWIDE TECHNOLOGY SYSTEMS

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ASSIST

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Today's Topics

- What is ASSIST?
- Why the need for a new system?
- Where are we now?
- Next Steps?

What is ASSIST?



ASSIST is...

- An online student transfer information system
- The official repository for CCC, CSU and UC articulation information
- Intersegmentally structured and funded

The Mission of ASSIST

To facilitate the transfer of California Community College students to California public four-year universities by providing accurate articulation information.

A Critical Tool for Transfer

- Nearly 16 million articulation agreements and transferability lists have been generated for more than 1 million unique users
- Number of successful transfers for Fall 2017
 - More than 53,000 CCC students to CSU
 - More than 18,000 CCC students to UC

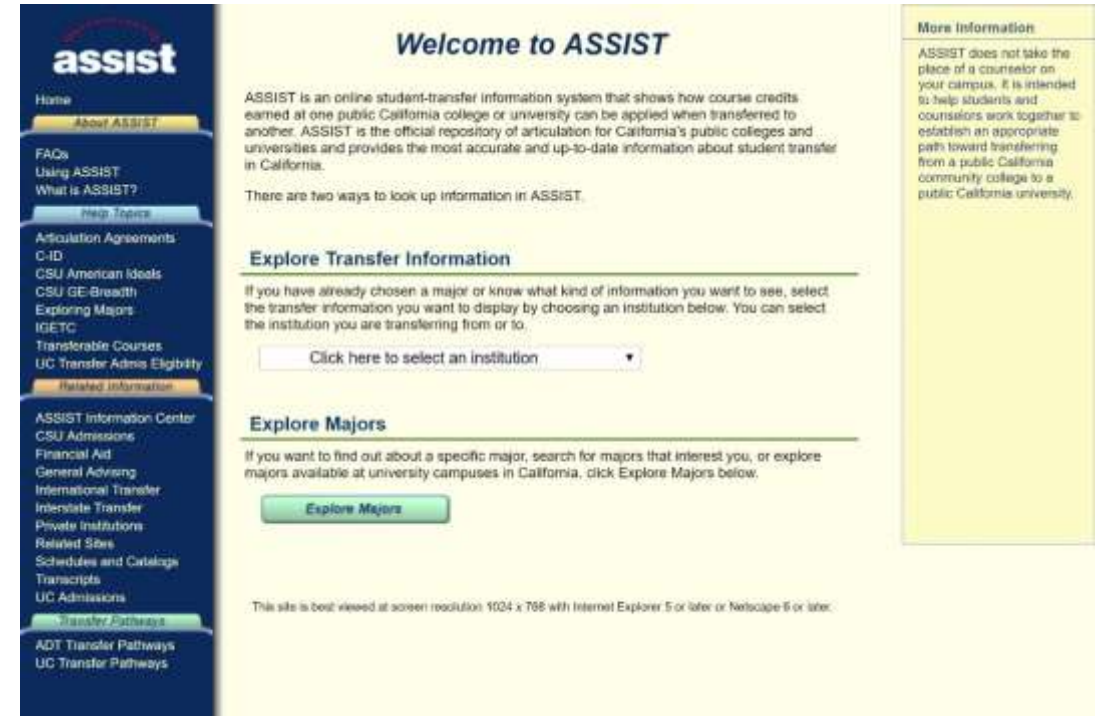
Who uses ASSIST?

- CCC, CSU and UC Campuses
 - Articulation officers
 - Transfer center and campus staff
 - Students
- System Offices
 - Course review
 - Application systems

Why the need for a new ASSIST system?

The Legacy ASSIST System

- Last major software update to the current ASSIST site was in the mid-1990s
- Utilizes outdated, unsupported software
- Does not meet current accessibility standards



Legacy ASSIST

The Project Scope

- Create one streamlined system to support all curriculum and articulation functions
- Centralize course CSU and UC transferability review process
- Provide Ad Hoc reporting capability and ability to downstream data via Web Services
- Re-design the ASSIST public website

Challenges Developing New ASSIST

- Legacy ASSIST
 - Shortage of requirements
 - Use of free text
 - Numerous types of users with varying needs
 - Need for implementation during or between review cycles

Challenges Developing New ASSIST

- Software development approach
- Missed deliverables
- Code base and quality assurance
- Overall project management
- RFP to identify a new vendor

Where are we now?



ASSIST Development: Partner Resources

- The Fairway Technologies Team
 - Understanding the system and user needs
 - Iterative, agile approach
 - Providing strong user experience expertise and testing capabilities
 - Project management excellence

ASSIST Development Accomplishments

- Reconfiguration of the Course Review Process Workflow
- ASSIST Public Site Redesign
- Hosting and Infrastructure Migration
- Completion of the Course Transferability Tool

A new assist.org is coming soon. Please use the tool below to locate course transferability lists for the 2017-2018 academic year.



Course Transferability Tool

Complete the steps below to access course transferability lists for the 2017-2018 academic year.

To access articulation agreements, transferability lists prior to academic year 2017-2018, or additional information regarding ASSIST, please visit assist.org.

Step 1

Select a community college

Start typing...



Step 2

Select a list

List Descriptions

Transferability Lists



Step 3

Get the list

Download

ASSIST does not take the place of a counselor on your campus. It is intended to help students and counselors work together to establish an appropriate path toward transferring from a public California community college to a public California university.

Have questions? [Contact us.](#)



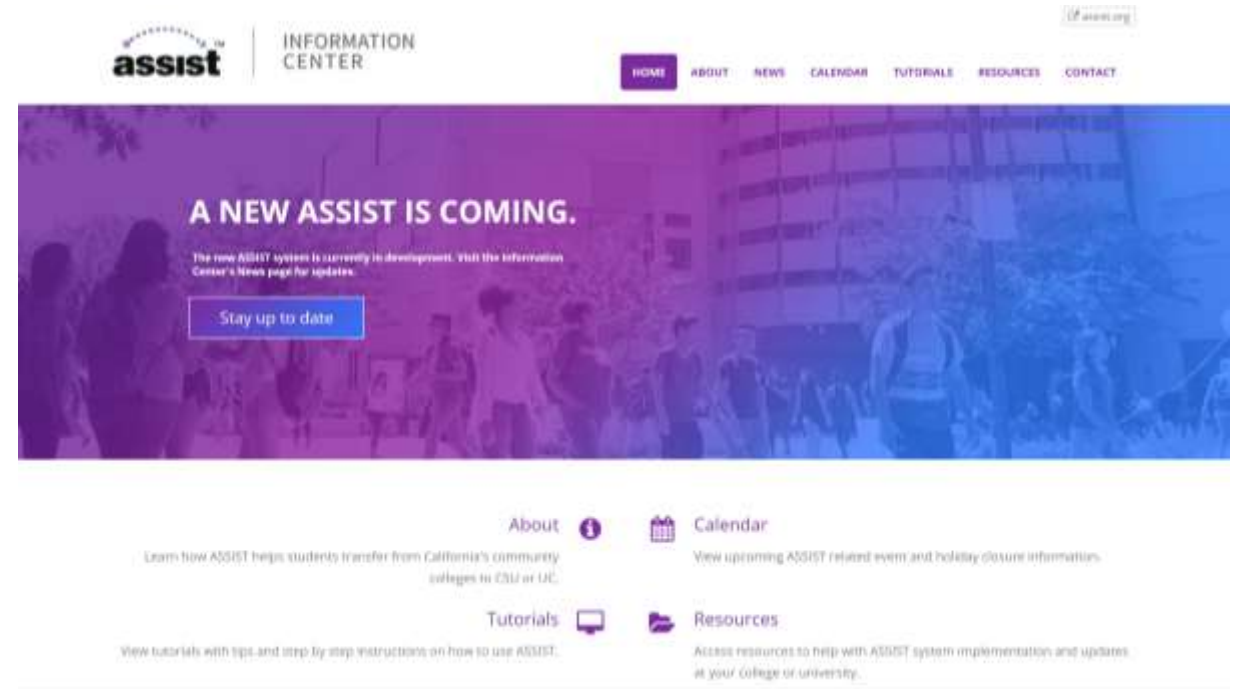
© 2018 | ASSIST — The official transfer and articulation system for California's public colleges and universities

ASSIST Development Accomplishments

- Numerous complex issues resolved by Fairway Technologies
- Web Services/API reporting analysis for segment needs
- Extensive articulation officer support by the ASSIST team
- Development of Terms of Use and Licensing Agreements
- ASSIST Resource Center Site (resource.assist.org)

ASSIST Resource Center

- News and information about ASSIST is now available at resource.assist.org
- Contact us: help@assist.org



ASSIST Development: Current Focus

- Focused on Critical Priorities
 - Ensuring data integrity
 - Data cross-checking
- Meeting Critical Deadlines
 - CSU GE/AI/IGETC/UC TCA Review Cycle Support
 - UC TCA Footnotes

Next Steps



ASSIST Upcoming Activities

- Additional curriculum and articulation management system development
- Release of the temporary Course Transferability Tool
- Release of the new ASSIST public website
 - Dependent on data cross-checking and resolution process completion

The New ASSIST System

- Updated, intuitive design
- Easily searchable database
- Meets all web accessibility standards (WCAG 2.0 AA)
- Enhanced data sharing



New ASSIST System

Phases of Public Launch

Phase 1: Core functionality of new ASSIST system

Transferability lists and articulation agreements

Data extracts and reports

Redesigned public site

Subsequent Phases: Iterative Releases

Explore Majors

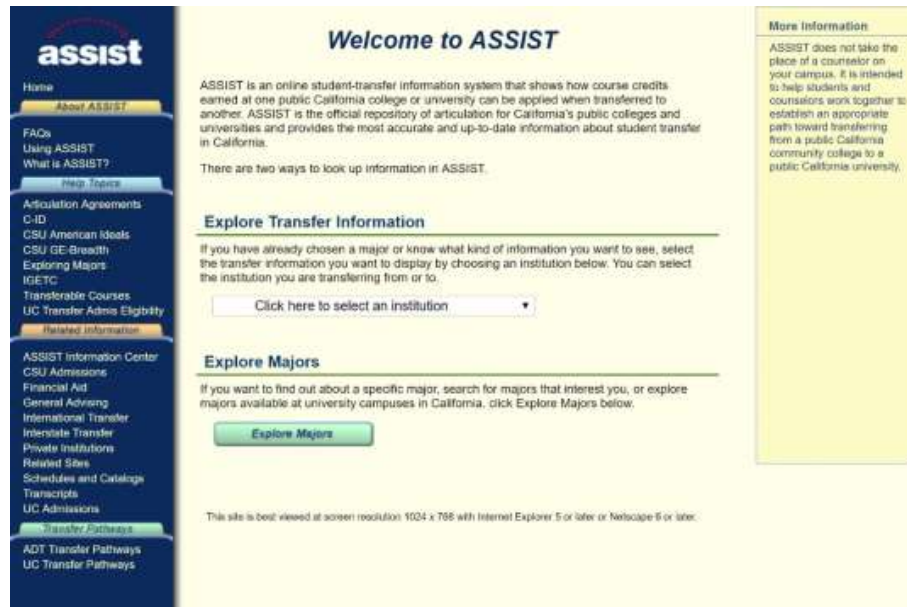
Compare Courses by Majors

Web Services

Meanwhile...

- What do we do for now?
 - Segment Specific Approaches
 - UC - Monica Lin, monica.lin@ucop.edu
 - CSU - Karen Simpson-Alisca, ksimpson-alisca@calstate.edu
 - CCC - Raul Arambula, rarambula@cccoco.edu

Next Steps



Legacy ASSIST



New ASSIST System





C-ID 2.0

Craig Rutan, ASCCC Secretary

What is C-ID?

- Course Identification Numbering System
- Faculty driven process under the Academic Senate for California Community Colleges
- C-ID began its focus on intersegmental curriculum to provide the CORE courses for transfer model curriculum (TMCs) – which are associated with Associate Degrees for Transfer (ADTs).
- C-ID has since transitioned to include intra-segmental courses, such as CTE and basic skills.
 - C-ID structure and processes used to address the need for development of model curricula for degrees and certificates.

What does C-ID do?

- Provides a numerical “tag”, a C-ID designation, for courses that match developed descriptor
- Provides a means of identifying comparable courses and of ensuring course portability within the CCCs
 - Addresses the need for “common course numbers”
 - When a college submits a COR to obtain a C-ID designation, they are agreeing to accept other courses with that C-ID designation in lieu of their native course

What does C-ID do?

- Provides a process for one-to-many articulation
 - Any college can opt to articulate C-ID descriptors, effectively granting articulation to all colleges that have a course matching a given descriptor
 - “descriptor-based” articulation
- Offers a quality control and model for required courses in Model Curricula

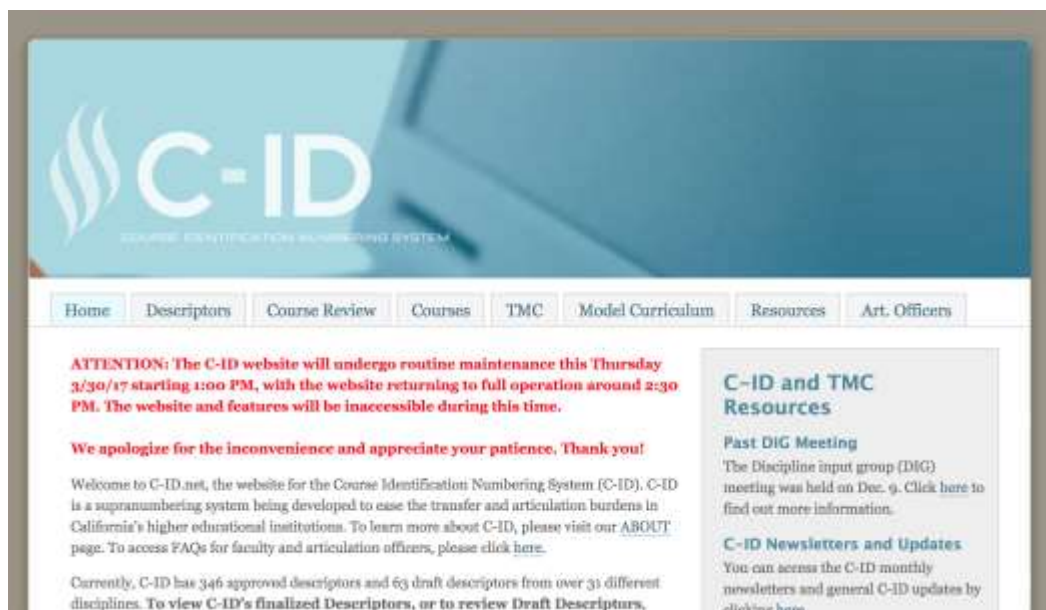
C-ID 2.0 Technology

- Where can I find the C-ID website?
 - The C-ID website can be accessed via www.c-id.net
- Why a new C-ID website?
 - Since 2014, the ASCCC, in partnership with the CCC Tech Center, worked together to bring about the new C-ID 2.0 website.
 - The existing website was designed to fit under the umbrella of the Ed Planning Initiative, with the goal of integrating technology systems across the CCC, including C-ID, OEI, COCI, CCCMyPath, and eTranscripts.

Technology - Where are we Now?

- The C-ID website migrated from the “old” website to the new website in April 2017.
 - Over the last year, many issues were identified and addressed within the new 2.0 website.

OLD WEBSITE



The screenshot shows the old C-ID website. The header features the C-ID logo (a stylized flame) and the text 'C-ID COURSE IDENTIFICATION NUMBERING SYSTEM'. Below the header is a navigation menu with links: Home, Descriptors, Course Review, Courses, TMC, Model Curriculum, Resources, and Art. Officers. The main content area includes an attention notice about maintenance on 3/30/17, an apology for inconvenience, a welcome message, and a section for 'C-ID and TMC Resources' with sub-sections for 'Past DIG Meeting' and 'C-ID Newsletters and Updates'.

NEW WEBSITE



The screenshot shows the new C-ID website. The header includes the C-ID logo and a navigation menu with links: DESCRIPTORS, COURSE REVIEW, COURSES, TMC, RESOURCES, MODEL CURRICULUM, UCTP, ARTICULATION OFFICERS, and POLICIES & GUIDELINES. There are also links for LOGIN, Create account, and Contact us. The main content area features the text 'Transfer and Articulation System for California's colleges and universities' and 'Course numbering process to ease the transfer and articulation burdens in California's higher educational institutions'. A green button labeled 'Review courses' is visible.

NEWS: California Community Colleges and University of California Sign Agreement to Boost Transfers, Increase Academic Preparation

The California Community Colleges and the University of California announced they have signed a joint agreement aimed at increasing the number of academically prepared community college students who transfer to UC and earn a bachelor's degree. [Read more.](#)



Approved Courses - Public



C-ID Courses

The California Community College (CCC) courses on this list have been approved by the C-ID program and given a C-ID designation. The courses with this C-ID designation will articulate with any other CCC course with the same designation for course content credit. Any separate General Education (GE) designation a course may have is not connected to the C-ID designation and should not be assumed. C-ID designation cannot be used as justification for GE certification. In addition to the community college to community college articulation, a course with a C-ID course designation will articulate to four-year universities that have approved articulation with that C-ID designation. You can search for CSU courses that have been identified by campuses as comparable to C-ID descriptors, by discipline or CSU campus.

Using the lists below, you can search for courses by discipline or community college. To read about how a course receives a C-ID number, please go to [About C-ID](#)

Disciplines

Accounting (228)

[Download all approved courses.](#)

Colleges

All Colleges

CSU Courses

These are courses identified by CSU campuses as comparable to C-ID descriptors. The CSU courses listed will articulate with approved California Community College courses with C-ID designation. Comparable identification does not imply CSU-to-CSU articulation, nor does it imply reverse articulation of CSU-to-CCC courses.

Using the lists below, you can search for courses by discipline or community college. To read about how a course receives a C-ID number, please go to [About C-ID](#)

Disciplines

Accounting (18)

Universities

All Universities



College Approved Courses

The screenshot shows a web browser window with the URL c-id.net. The navigation menu includes: C-ID, DESCRIPTORS, COURSE REVIEW, COURSES, TMC, RESOURCES, MODEL CURRICULUM, UCTP, ARTICULATION OFFICERS, POLICIES & GUIDELINES, and ABOUT US.

All Approved C-ID Courses

[Return To Course Compare](#)

These are courses available for all Colleges

Filters:

Discipline: All

Approved Start Date: Month, Day, Year

Approved End Date: Month, Day, Year

[Filter](#)

Show 10 entries

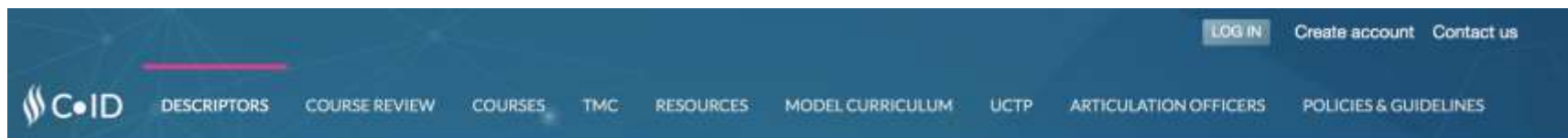
Search:

C-ID #	C-ID Name	Institution	Course(s)	Course Name	CCR Effective Term
ACCT 110	Financial Accounting	American River College	ACCT 481	Honors Financial Accounting	2013-01-01
ACCT 110	Financial Accounting	Columbia College	BUSAD 2A	Financial Accounting	2014-06-01
ACCT 110	Financial Accounting	Palomar College	ACCT 201	Financial Accounting	2013-08-01
ACCT 110	Financial Accounting	American River College	ACCT 301	Financial Accounting	2013-01-01
ACCT 110	Financial Accounting	Hartnell College	BUS 1A	Financial Accounting	2013-01-01
ACCT 110	Financial Accounting	San Bernardino Valley College	ACCT 200	Financial Accounting	2014-06-01
ACCT 110	Financial Accounting	Santa Rosa Junior College	BAD 1	Financial Accounting	2013-08-01
ACCT 110	Financial Accounting	Oxnard College	ACCT R101	Financial Accounting	2013-08-01
ACCT 110	Financial Accounting	Saddleback College	ACCT 1A	Financial Accounting	2014-01-01
ACCT 110	Financial Accounting	Shasta College	ACCT 2	Introduction to Financial Accounting	2011-08-01

Showing 1 to 10 of 17,987 entries

Previous 1 2 3 4 5 ... 1799 Next

Descriptors



C-ID Descriptors

The categories below reflect different stages in the finalization of C-ID Descriptor Documents. The descriptors are offered to encourage wider articulation and to expand the lower division curricular offerings, and thereby increase the variety and ensure the rigor of our many Community College courses.

A downloadable version of the C-ID TMC and Descriptor Development Policy is now available.

A downloadable document of the proposed descriptor review dates is available [here](#).

PLEASE CHOOSE:

COMMENT ON DESCRIPTORS

These are the descriptors currently open for your comments. You will need to log in or register to comments on available draft descriptors in your discipline.

VIEW DRAFT DESCRIPTORS

These descriptors are currently closed for comments but you can view the drafts. No login is required to view.

VIEW FINAL DESCRIPTORS

These descriptors have been finalized. No login is required to view.



AO New Course Submission

[Submit New Course](#)
[View Submitted Courses](#)

Submit New Course Allan Hancock College

[↑ Return To Course Screen](#)

Discipline Select a Discipline	Descriptor
Submitter	
Name Dave DeGroot	Email Address ddegroot@hancockcollege.edu
Phone Number +1	District None
Institution Allan Hancock College	

AO New Course Submission

Course

Course Title

Course Prefix

Course Number

Unit Type

Semester Units

Quarter Units

Units

Lab Component

Yes, this course has a lab component

Honor Course

Yes, this is a Honor course

COR Approval Date

Month Day Year

COR Effective Term

Term

The date the curriculum committee or Board approved your course outline of record depending upon your local policy.

The term your college began using the course outline of record. (i.e., when faculty were to begin teaching that version of the COR)

COR File

File Type

Upload File

Online Accessible Location (URL)

AO Submitted Courses

The screenshot shows the C-ID website interface for Allan Hancock College. The page title is "Submitted Courses" and it includes a "Submit New Course" button. The status is filtered to "In Progress (7)" and disciplines are set to "All". A table lists seven submitted courses with columns for C-ID #, Course(s), Status, Expires, COR Effective Term, Submission Date, CoR(s), and Actions. Each row includes a "Download Outline" button and "View / Delete" links.

Submitted Courses
Allan Hancock College

Status: In Progress (7) Download filtered

Disciplines: All Download All

Show 10 entries Search: Search Search

C-ID #	Course(s)	Status	Expires	COR Effective Term	Submission Date	CoR(s)	Actions
THTR 192	DANC 182	In Progress		Fall 2017	02/05/18	Download Outline	View / Delete
AG-AB 112	AG 157	In Progress		Fall 2017	05/16/17	Download Outline	View / Delete
HIST 150	HUM 101	In Progress		Fall 2017	03/20/17	Download Outline	View / Delete
MATH 955	MATH 141	In Progress		Fall 2016	03/28/16	Download Outline	View / Delete
ENGR 260 L	ENGR 171	In Progress		Fall 2016	01/06/16	Download Outline	View / Delete
GLST 101	GBST 101	In Progress		Fall 2018	12/28/15	Download Outline	View / Delete
ARTS 289	PHTO 110	In Progress		Fall 2018	10/14/13	Download Outline	View / Delete

C-ID # Course(s) Status Expires COR Effective Term Submission Date CoR(s) Actions

Technology - Where are we Now?

- 2.0 Issues found:
 - Approved courses from 1.0 not appearing on the public site, and missing from the AO queue.
 - AO ability to revise approved submissions with non-substantive changes.
 - AO download all courses in Excel
 - A number of different error messages that users have received and that have since been resolved.
 - C-ID descriptors were not showing the suffix correctly. This is now resolved (with the exception of the ENGL descriptors that show the CAN numbers as a result of the fix)
 - Variation in the appearance of the website depending upon the browser being used.
 - Search functions did not previously work.
 - Email alerts are not sent when a course receives a determination.
 - It appeared that there were multiple submissions when a sequence was submitted.

Technology – What's Next?

- The following are a few enhancements for the C-ID 2.0 website:
 - ***Implemented!** - Honors approvals – the 2.0 system now allows the Primary Reviewer to expedite the review if the non-honors is approved.
 - Course history will be accessible on the courses tab of the public site.
 - Appeals will occur entirely within the application.
 - The AO will be able to filter by discipline and status in their queue and a download will be available for only what was filtered instead of downloading all submissions.
 - The AO queue will show the submission date as well as the date that the submission entered its current status.

The Chancellor's Office Curriculum Inventory System: Summer 2018 Update



Presented by Rachel Stamm | updated 07/08/2018



COCI's Function

Why we have a COCI application

Curriculum Owners

Year 1 by the Numbers

Releases

Bugs

Features

Webinars & Trainings

New and Modified Submissions

Growing Pains

Challenges this First Year

Process Improvements

Application Improvements

Carry Over to Year 2



COCI's Function

*Why we have a COCI application
Curriculum Owners*



The Curriculum Inventory of today exists to provide Colleges and the Chancellor’s Office with a web-based method of submitting, reviewing and approving curricula once it has been locally approved.



The College.

The content of Courses and Programs in COCI belongs to the College and the College is responsible for its completeness and alignment with the standards in the PCAH.

The College is responsible ensuring the Control Number assigned matches the correct version of the Course or Program.

The College is responsible for maintaining data parity between with curricula approved locally and curricula in the inventory.



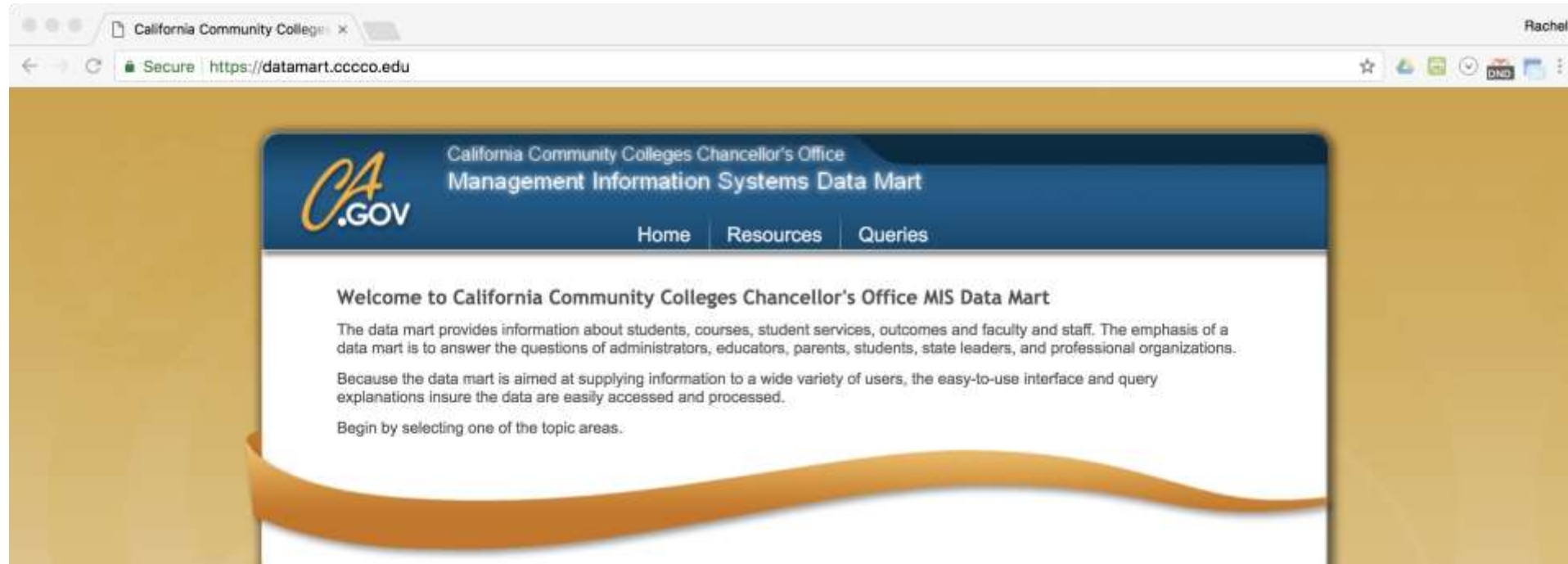
The Role of the CCCCCO

The Chancellor's Office reviews the content of Courses and Programs (using both human and automated processes) to validate its completeness and alignment with the standards in the PCAH.



The Chancellor's Office is responsible for assignment of a unique Control Number for all Courses and Programs that successfully validate.

The Chancellor's Office is responsible for maintaining an inventory of all validated curricula across California Community Colleges.



MIS consumes Course and Program data from COCI and is responsible for generating a unique CCN for Courses after a final set of validations are completed.

MIS is the owner of the Data Element Dictionary and is responsible for the field integrity checks on CB data elements to be in alignment with the PCAH and CCCCCO Curriculum policies.



Year 1 by the Numbers

Releases

Bugs

Features

Webinars & Trainings

New and Modified Submissions



Software Updates in Year 1

23 Production Updates in FY1

- 1 Major Releases
- 7 Minor Feature Releases
- 9 Maintenance Release
- 5 Hotfix Releases

344 Development Tickets Closed

- 185 Bugs
- 159 Stories

Version	Release Date	Release Notes
1.9	6/30/2018	COCI Version 1.9 Release Notes
1.8.9	6/8/2018	COCI Maintenance Releases and Open Issues Log
1.8.8	5/23/2018	COCI Maintenance Releases and Open Issues Log
1.8.7	5/16/2018	COCI Maintenance Releases and Open Issues Log
1.8.6	4/27/2018	COCI Maintenance Releases and Open Issues Log
1.8.5	4/20/2018	COCI Maintenance Releases and Open Issues Log
1.8.4	4/13/2018	COCI Maintenance Releases and Open Issues Log
1.8.3	4/10/2018	COCI Maintenance Releases and Open Issues Log
1.8.2	3/28/2018	COCI Maintenance Releases and Open Issues Log
1.8.1	3/25/2018	COCI Maintenance Releases and Open Issues Log
1.8	3/8/2018	COCI 1.8 Release Notes
1.7	2/15/2018	COCI Version 1.7 Update Release Notes
1.7	12/15/2017	COCI 1.7 Release Notes
1.6.1	11/21/2017	Hotfix only
1.6	11/2/2017	COCI 1.6 Release Notes
1.5	9/28/2017	COCI 1.5 Release Notes
1.4.2	8/25/2017	Hotfix only
1.4.1	8/22/2017	Hotfix only
1.4	8/13/2017	Maint/Minor Feature Release
1.3.2	7/20/2017	Hotfix only
1.3.1	7/12/2017	Hotfix only
1.3	7/12/2017	Statewide Conversion



Webinars and Trainings

49 Informational Sessions

8 Release Webinars

4 Product Roundtables

37 Trainings

830 Unique RSVPs

COCI 1.9 Multiple Events Upcoming: Jun 27, 2018 10:00 AM Manage Edit View
COCI roundtable: product development focus areas Multiple Events Upcoming: Apr 5, 2018 10:00 AM Manage Edit View
COCI Training: Advanced Features Multiple Events Upcoming: Feb 28, 2018 1:00 PM Manage Edit View
COCI Training: The Basics Multiple Events Upcoming: Feb 21, 2018 1:00 PM Manage Edit View
Overview of COCI 1.7 release and best practices for submissions Multiple Events Upcoming: Feb 13, 2018 10:00 AM Manage Edit View
COCI Introductory Training Multiple Events Upcoming: Jul 5, 2017 10:00 AM Manage Edit View



College	Year	Month	Submitted Credit Courses	CCN Assigned Credit Courses	Submitted Non-Credit Courses	CCN Assigned Non-Credit Courses	AA / AS Programs Submitted	AA / AS Programs Assigned PCN	AA-T / AS -T Programs Submitted	AA-T / AS -T Programs Assigned PCN	Certificate Programs Approved	Certificate Programs Assigned PCN	Non-Credit Programs Submitted	Non-Credit Programs Assigned PCN
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37,776 **Course Submissions in Year 1**
 34,368 Modified and New Credit Course Submissions
 3,398 Modified or New Non Credit Course Submissions

6,735 **Program Submissions in Year 1**
 2,510 Modified and New Degree Programs
 1,143 Modified and New ADT Programs
 2,525 Modified and New Certificate Programs
 547 Modified and New Non Credit Programs



Growing Pains

Challenges this First Year

Process Improvements

Application Improvements

Carry Over to Year 2



Year 1 was hard.

Completeness of Legacy Data
Duplicated and Deleted Proposals
CCN Generation Backed Up
PCNs not Syncing to MIS

Sub-Change Flags
Attachments
Approval Letters



CCCCO and 5C Driving Product Roadmap

THEME	THEME	THEME	THEME
PARITY	STABILIZE	COMPLETE	ADVANCE
Course Workflow	Validation	Conditional Display	4 Year Degrees
Program Workflow	Errors and Actions	Page Design	Integration
Reviewer Workflow	Workflow, v2	Reports	Validation, v2
Info & Reports	MIS Interactions	CIP Codes	Workflow, v4
	Legacy Data Display	Workflow, v3	Page Design, v2
	Search		Reports, v2



Entry and Exit Criteria for Testing and Releases

Releases will be ready to deploy when the following quality standards have been met:

- All issues ranked as P3,S4 have passed testing
- All issues ranked as P3,S3 have passed testing
- All issues ranked as P3 but S2 or S1 have a mutually agreed to version release
- All issues ranked as S4 or S3 but a P2 or P1 have a mutually agreed to version release
- No degradation of service is identified for any required component
- New defects discovered during testing that have P3,S4 or P3,S3 ranks are prioritized and have an agreed to version release.

Required Components for COCI:

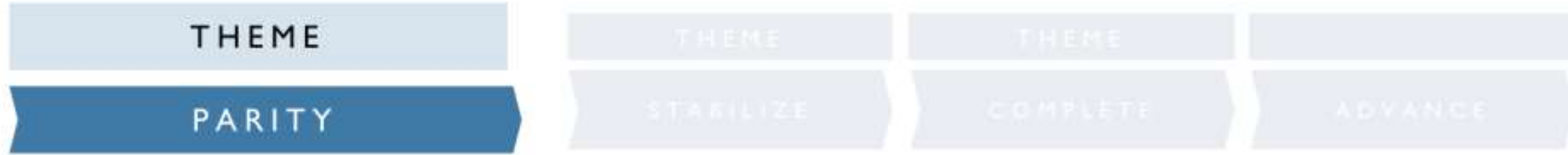
Component	Description
A	College users can create new courses and programs
B	College users can submit courses and programs for review
C	CCCCO can approve or deny submissions
D	Control numbers are assigned to approved proposals
E	Data validation occurs at the time of submission

Priority and Severity Levels for Reported System Issues:

Priority Level		Severity Level	
1	Low: The defect is an irritant but repair can be done once the more serious defect have been fixed	4	Critical: This defect indicates complete shut-down of the process, nothing can proceed further
2	Medium: During the normal course of the development activities defect should be resolved. It can wait until a new version is created	3	Major: It is a highly severe defect and collapse of the system. However, certain parts of the system remain functional
3	High: The defect must be resolved as soon as possible as it affects the system severely and cannot be used until it is fixed	2	Medium: It cause some undesirable behavior, but the system is still functional
		1	Low: It won't cause any major break-down of the system



Application Improvements



Finished

Course Workflow

- ✓ Connect status of sub change proposals

Program Workflow

- ✓ Connect status of sub change proposals

Reviewer Workflow

- ✓ Status and Action buttons
- ✓ Queue search

Info & Reports

- ✓ CB & Title display
- ✓ Reviewer reports

In Progress

- ✓ Edits to Active

- ✓ Multi-Session edits

- ✓ Edits to Active

- ✓ Multi-Session edits

- ✓ Comments history

- ✓ Export to excel

To Do

Multi-Level Reviews

Print Course

Print Program



Finished

Validation

- ✓ Sub change(s) courses and programs
- ✓ Credit Courses
- ✓ TOP Codes

Errors & Actions

- ✓ Whoops messages
- ✓ 403 error messages
- ✓ Permissions matrix
- ✓ Confirmation messages

Workflow, v2

- ✓ Adding and Removing Attachments
- ✓ Approval Letters

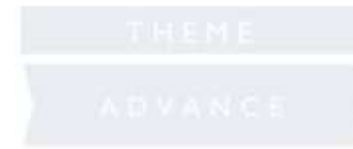
MIS Interactions

- ✓ Time of sync
- ✓ Error messaging to user
- ✓ Error message in history table
- ✓ Alerts and monitoring
- ✓ Release testing



In Progress

Validation	Errors & Actions	Workflow, v2	Legacy Data	Search
<ul style="list-style-type: none">✓ NCC courses✓ Document Type✓ Sub change(s) courses and programs	<ul style="list-style-type: none">✓ Required field display✓ Sub change display✓ Validations at field level	<ul style="list-style-type: none">✓ Display of missing data when field is new✓ Proposal details section	<ul style="list-style-type: none">✓ Refactor messaging for non validated fields	<ul style="list-style-type: none">✓ Public Course report✓ Public Programs report



Finished

Conditional Display

Page Design

Workflow, v3

Reports

- ✓ CCN assignments
- ✓ MIS errors

In Progress

- ✓ Show hide based on CB04
- ✓ Auto populate selections
- ✓ Attachments specific to proposal type

- ✓ Refactor view pages
- ✓ Refactor read only pages
- ✓ Results display
- ✓ Refactor submitter and reviewer name display

- ✓ Public/Private comments
- ✓ Reviewer queues
- ✓ Hyperlink to original proposal
- ✓ Program Validation



To Do

CIP Codes

Add CIP code field to
TOP code table

Bulk mapping

CIP code display added
as read only

Workflow, v3

Bulk upload

Occupational Codes



In Progress

Workflow, v4

- ✓ Refactor add courses
- ✓ Auto approval for programs modifications

Validation, v2

- ✓ Conditional display of programs fields
- ✓ Auto complete of program fields



To Do

4 Year Degrees	Workflow, v4	Validation, v2	Page Design, v2	Reports, v2	Integration
Add submission type	Auto approval for non credit	MIS Data integrity check at the time of submission	Print attachments	Aging for legacy data corrections	Local CI systems
Course fields	Auto Approval Programs	Incorporate MIS field validation rules	Support print of attached courses / documents	Aging for submissions under review	C-ID
Programs fields	Ongoing CIP code crosswalk		Main courses page	Dynamic reporting	MIS
			Main programs page		
			CIP code tab		

Looking Ahead and Lessons Learned

- None of these systems are fully functional yet, but every team has had previous discussions about possible integrations in the future.
- Those discussions were premature because the most important requirement for a piece of technology is that it function as expected.
- For example, right after the 2017 Curriculum Institute, meetings began about how to allow local curriculum management systems to directly upload information. While that is a wonderful goal, it can't happen until COCI is fully functional!
- The primary goal for all systems is to be fully functional as stand alone systems.

Is Integration Dead?

- There are possibilities for integration between the three systems because of the need for articulation agreements and C-ID approvals when submitting ADTs, so those discussions could happen in the future.
- There is communication between representatives from all three systems and everyone is open to discussing what might be possible.
- But, anything you might have heard about how one system might link to another is not guaranteed.
- We all want these systems to work as efficiently as possible, but we need them to work first and discuss efficiency afterwards.

The image features a serene sunset or sunrise scene over a body of water. The sky is a mix of soft blues, oranges, and yellows, with wispy clouds catching the low light. The water below reflects these colors, creating a shimmering effect. At the very top of the image, there is a solid red horizontal bar. Centered over the sky and water is the text "Thank you for being so patient" in a white, handwritten-style font.

Thank you
for being
so patient