

Telecommunications and Advisory Committee

Will meet on

March 1, 2012

1101 Q Street

Sacramento, California

Conference Rooms 3A and 3B, 3rd Floor

CCC Confer – Meet & Confer Login Information:

Call 888-886-3951 and www.cccconfer.org

Participant Passcode: 412149

Agenda

Thursday March 1, 2012

9:30 a. m. – 3:00 p.m.

Item	Time	Topic	Purpose	Discussion Leader
1	9:30 – 9:50	Approve Notes from 2011 Retreat <i>► Introduction of any new committee members and guests</i> <i>► Burning Issues</i>	Action	Bill Scroggins/ Wheeler North

2	9:50 – 10:20	TTAC Confidential Item	Vote	Patrick Perry/Bonnie Edwards
3	10:20 – 11:00	System Update	Information	Patrick Perry/Bonnie Edwards
4	11:00 – 11:30	Assessment	Discussion	Bonnie Edwards
5	11:30 – 12:00	Student Success Task Force	Discussion	Erik Skinner / Patrick Perry
	12:00 – 12:30	Lunch		
6	12:30 – 1:00	Video Conferencing	Information	Bonnie Edwards/Blaine Morrow
7	1:00 – 1:30	Affordable Content	Information	Bonnie Edwards/Blaine Morrow
8	1:30 – 2:00	eTranscripts CA	Information	Tim Calhoon
9	2:00 – 2:15	SAC Report: Cloud Backup	Information	Tim Calhoon
10	2:15 – 2:45	Retreat Planning	Discussion	Patrick Perry / Bonnie Edwards
12	3:00	Wrap and Close	Action	Bill Scroggins

TTAC Confidential Item

Item 2

Action: Vote

Presentation: *Patrick Perry / Bonnie Edwards*

Materials sent separately

Fiscal and System Update

Item 3

Action: Informational Update

Presentation: *Patrick Perry, Vice Chancellor TRIS*
Bonnie Edwards, Technology Unit

Issue: The TTIP operating budget for 2011-12 is \$15,290,000 budget. The Legislature awarded \$1M dollars for electronic transcripts and common assessment initiatives and plans are underway to restore services.

Background:

The 2011-12 TTIP budget remains unchanged from \$15,290,000 and lacks the support additional stimulus funds.

- The California Legislature identified surplus funds and awarded \$1M to the California Community Colleges to support electronic transcript and common assessment initiatives.
- Due to budget cuts colleges/districts were asked to partially fund the cost of their redundant/secondary circuits. 41 districts opted to pay the additional assessment, 17 colleges cancelled the service and 18 districts did not have a TTIP funded redundant circuit.

Analysis: TTIP continues to identify new ways in which to operate and provide critical services within the parameters of the 2011-12 budget.

❖ **CENIC**

Fiber build out in central valley

- 18 Counties, 14 Community College sites (Yuba College, Columbia College, San Joaquin Delta College, Yosemite CCD, Merced College, State Center CCD(Fresno City), Reedley College, College of the Sequoias, West Hills College, Porterville College, Kern CCD (Bakersfield).
- **Status:** Construction getting started, expect first colleges to connect by end of the year.

Northern Planning Project (fiber build)

- Received CPUC Planning grant (partnered with Center for Economic Develop at CSU Chico). Grant supports 18 month – 2 year planning process that includes an assessment of current infrastructure and fiber needs in the northern part of the state.
- IP Networks completed fiber build out in Humboldt County, CENIC watching closely to make sure AT&T takes advantage of it. It creates a diverse fiber path and counties in the area will no longer have to rely on a single AT&T path.

❖ **Redundant Circuit Restoration**

TTIP will begin funding second circuits on July 1, 2012. Working with CENIC to assess bandwidth needs and identify any cost-saving re-configurations for colleges. Colleges participating in the central valley project will receive their diverse circuits the second half of 2012-13.

❖ **Library update**

The RFP was issued and the vendor, Ebsco, was selected to provide the centrally selected and purchased library resource database. The system was made available to all colleges January 1, 2012 and will provide a general periodical, newspaper, history, automotive, and business database to every student in the entire CCC system. The CCC System is saving over 60% from the prior subscription rate.

❖ **Electronic Transcript Mini-Grant Proposal**

To Support the implementation of AB1056, the Chancellor's Office will provide \$5000 to each college to implement an electronic transcript system according to the following requirements:

- ❖ California Electronic Standards (the transcript must contain and transmit IGETC, General Education and SB1440 data). Colleges must be able to transmit and receive data in this format.
- ❖ Terms of the mini-grant:
 - a. Implement 6 months from date of application. No application accepted after December 31, 2012.
 - b. Implementation Options
 - i. Ability to Send and Receive Electronic Transcripts
 - ii. Integration with Campus Systems (import transcript data automatically)
 - iii. Responding to Requests for transcripts

❖ **k-20 data warehouse**

Segments continue to work on a K-20W database effort.

Effort has been segmented into two distinct parts:

1. up keep and maintenance of CPEC postsec data and website. For the most part, CCC maintains this, but segments have stopped updating the underlying data. Next annual update scheduled in Nov 2012, and we are not sure if we will update this; CPEC updated unit records in a laborious way, there is no common DED or submission process for this, data were all manually massaged into CPEC data format.
2. work towards the IA. Segments signed the IA in Oct 2011 and have hired WestEd, through their Western regional Labs contract, to task the segments through the process of putting together the governance, technology, and data structures necessary to create a K-20W dataset. No funds have been identified for startup or ongoing costs; segments are seeking ways to distribute cost and management of such a dataset. Primary usage would be segmental in nature and used for mandated purposes (see attachment).

We are not sure whether the Leg/State will be identifying a permanent home for the CPEC data assets. A bill was introduced SB1138 that seeks a CDE/CCC remedy for data stewardship.

Also, see separate document: K-20 Data System Notes

Recommendation: Advocate for the restoration of TTIP funds.

Action: Information**Presentation:** Bonnie Edwards, Technology Unit**Issue:**

This is an informational update on the Centralized Assessment Initiative, CCCAssess: centralized assessment.

Background:

Initially, the CCCAssess project sought to determine the feasibility of implementing common and centrally delivered English, Math and ESL assessment instruments for the California Community Colleges. This effort, funded through a grant from the Gates and Hewlett Foundations soon gained interest in the Legislature.

AB743 was sponsored by Senator Block and was signed by Governor Brown on October 10, 2011.

AB743 Summarized:

The Board of Governor's shall"

- Establish a system of common assessment
- Select an existing commercially available system of assessment in English, Math, ESL
- Establish a central data warehouse
 - Collect all available K-12 assessment data, other student or transcript data
- Create a web-portal that includes
 - Student assessment profile
 - Pretest
 - Advisement Tool
- Work with State Board of Education, CSU to define college readiness standards to be included in tests
- Report on progress December 31, 2012
- Above provisions to become operative upon the receipt of state, federal, or philanthropic funds to cover the costs of the common assessment system.

Analysis:

- Permanent funding to support the delivery and administration of three assessment instruments has proven difficult due to budgetary constraints. Nonetheless, the Chancellor's Office is proposing the implementation of a single test supporting one curricular area as the first phase with the ultimate goal of supporting all three assessments (Math, English and ESL).
- The Chancellor's Office has decided to move forward with planning efforts.
 - Goal of Planning: be ready to act if/when funding is available
 - Planning Activities include:
 - Assessment Governance Structure
 - State level policy decisions, process impacts
 - Local level impacts
 - CSU / K-12 engagement
 - Define implementation tasks, risks and risk mitigation
 - Communication Plan

Recommendation: Solicit feedback from the Committee about a single test implementation. Also, propose that assessment implementation, in conjunction with the implementation of other Student Success Taskforce recommendations, be a primary topic of the TTAC Retreat.

Information

Presentation: Erik Skinner/Patrick Perry

Issue: The Student Success Taskforce published their draft recommendations on October 7, 2011.

Background: List of recommendations from the Student Success Report that focus on technology and/or impact technology recommendations.

Chapter 1. Increase College and Career Readiness

- 1.1. Collaborate with K-12 to jointly develop common standards for college and career readiness.

Chapter 2. Strengthen Support for Entering Students

- 2.1. Develop and implement common centralized diagnostic assessments.
- 2.2. Require students to participate in diagnostic assessment, orientation and the development of an educational plan.
- 2.3. Develop and use technology applications to better guide students in educational process.
- 2.4. Require students showing a lack of college readiness to participate in support resources.
- 2.5. Require students to declare a program of study early in their academic careers

Chapter 4. Align Course Offering to Meet Student Needs

- 4.1. Focus course offerings and schedules on needs of students.

Chapter 5. Improve the Education of Basic Skills Students

- 5.1. Develop strategy for addressing Non-Credit & Adult Education in California.
- 5.2. Support the development of alternatives to traditional basic skills curriculum.

Chapter 6. Revitalize and Re-Envision Professional Development

- 6.1. Create a continuum of mandatory professional development opportunities.
- 6.2. Direct professional development resources toward improving basic skills instruction and support services.

Chapter 7. Enable Efficient Statewide Leadership & Increase Coordination Among Colleges

- 7.1. Develop and support a strong community college system office.
- 7.2. Set local student success goals consistent with statewide goals.
- 7.3. Develop and support a longitudinal student record system.

Chapter 8. Align Resources with Student Success Recommendations

- 8.1. Establish a new Student Success Initiative fund.
- 8.2. Consolidate select categorical programs.
- 8.3. Promote flexibility and innovation in basic skills through alternative funding mechanism.
- 8.4. Do not implement outcome-based funding at this time.
- 8.5. Implement a student success scorecard.

Analysis:

An update on progress and discussions will be provided.

Recommendation: This is an informational update. Also, propose that the implementation of the Student Success Taskforce recommendations be a primary topic of the TTAC Retreat.

CCC Video Conferencing**Item 6****Action: Discussion**

Presentation: *Blaine Morrow, 3CMedia Solutions*
Bonnie Edwards, Technology Unit

Issue:

This is an informational update to encourage discussion of the current video conferencing model to reassess the future direction.

Background:

- ❖ TTIP currently spends \$200,000 annually to support video conferencing for the CCC's.
- ❖ The current video conferencing contract expires June 30, 2013

History of Video Conferencing in the CCC System:

- ❖ 1990-2003: Initially CCC and CSU partnered to provide video conferencing to deliver distance education which was gaining support. Ultimately, the CCC, UC and CSU asked CENIC to run video conferencing for the system.
- ❖ 2003-2010: Video conferencing provided by CalREN Video Services
 - 2009: Realized the video equipment was nearing end-of-life. The Chancellor's Office determined that there was insufficient funding to refresh local video conferencing equipment and support video conferencing. An alternate provider for video services was also sought.
- ❖ 2010 – Present: Partnered with Imperial County Department of Education to use their scheduling and archiving system. The colleges own and are responsible for the local equipment. This partnership lowered the cost of video conferencing but some functionality was lost. The Imperial system does not allow us to track usage in the CCC's.
 - Imperial Provides: support, scheduling, archiving, streaming

Analysis:**Usage/Demand for Video Conferencing**

The following numbers are from the CalREN Video Services

2007- 2008	Total CCC, 1,496 Total all segments, 3,664	<ul style="list-style-type: none"> ▪ Overall 20% Decline since 2006 ▪ Increase in inter-segmental of 18% since 2006 ▪ Total academic, all segments, 3,148 ▪ Total administrative, all segments, 516 (14% of conferences)
2008 – 2009	Total CCC, 1,010 Total all segments, 2,604	<ul style="list-style-type: none"> ▪ Decline in CCC Academic Use of 24% ▪ Increase in Administrative Use of 8% (across CCC,UC,CSU) ▪ Total academic, all segments, 2,040 ▪ Total administrative, all segments, 564 (22% of conferences)
2009 – 2010	Total CCC, 729	<ul style="list-style-type: none"> ▪ Increase in inter-segmental meetings of 17% ▪ Decline in CCC usage of 17%

Possible factors impacting usage(CENIC report):

1. Faculty are more comfortable with technology and are using alternative technology like CCCConfer and/or they connect systems point-to-point outside of scheduling tool which prevents them from being included in conference totals.
2. Due to budget cuts, travel is restricted and more administrators are conducting more virtual meetings
3. Campuses are not upgrading conferencing equipment
4. Distance educational programs are being cut in favor of traditional offerings

❖ **Review results from the field survey**

Recommendation: Collect feedback and considerations from the Committee regarding video conferencing and future proposals.

Action: Discussion

Presentation: Bonnie Edwards, Technology Unit / Blaine Morrow, 3CMedia Solutions

Issue: The topic of affordable content and open educational resources has been gaining momentum and is now the subject of new legislation. What role should TTIP play?

Background:❖ **TTIP Involvement:**

A year ago, TTIP supported the development of an Affordable Content Marketing Plan and website. In addition, two CourseSmart (eTextbook publisher) pilot were funded. The CourseSmart pilots required colleges to integrate CourseSmart into the colleges LMS, SIS and/or Bookstore systems.

The pilot colleges report very few eTextbooks sales.

The website, www.ContentCopia.com provides a “one-stop” location where students and faculty can go to locate affordable content. Blaine Morrow now runs a blog from this site “ContentConversations”.

❖ **Legislation: 4 Bills Introduced**❖ **OER Taskforce**

Leaders in the OER movement met and identified OER needs and barriers.

Analysis:❖ **CourseSmart Pilot**

Report from Cypress college: Fall '11 over 150 unique Coursesmart e-books available and sold 98. Spring '12 over 200 unique Coursesmart e-books available and sold 38. FY '10 – '11 e-books accounted for 0.67% of store net sales and sold a total of 270 titles. Offered the Coursesmart e-book for every print text that matched in Coursesmart's database. Some instructors request no e-book, others request them.

*Contra Costa CCD: none sold

*CourseSmart reports more numbers from students accessing their site directly.

❖ **Legislation**

SB1052 call for the establishment of the California OER Council - \$25M

- 9 members: 3 faculty from UC, 3 CSU, 3 CCC
- The Council will determine a list of the 50 most common lower division courses
- Establish an RFP process where faculty, publishers, others could apply for funds to produce 50 OER books for the identified lower division courses.
- Develop and administer standardized rigorous review and approval process.
- Goal: offer textbooks for \$20

SB1053 calls for the establishment of the California Digital Open Source Library

- Joint administration with UC, CSU, CCC
- The library will store the 50 books developed through SB1052
-

AB2471 would require community college districts to adopt policies to prohibit the assignment of e-textbooks unless they:

- 1) Were offered with pricing tiers that included, at a minimum, a “rental price” and a “lifetime purchase” price.

- 2) Were offered with cloud storage access.
- 3) Included a refund policy.

SB1328 would require a publisher to submit the following data in comma-delimited or XML format to MERLOT: (1) Book title(2) Author(3) Publisher(4) ISBN(5) Retail price(6) Edition(7) Copyright date

❖ **OER Taskforce**

Identified the following as needs and/or barriers facing OER, of which many are addressed by the proposed legislation.

- No state-level leadership
- Perception of low quality
- OER sites are difficult to search / find content
- There's no established ongoing review process
- Difficult to reach and engage faculty
- Difficult for faculty to change content
- No instructor's manuals, testbanks, ancillaries: faculty are disappointed when not available

❖ **CourseSmart – training and Blackboard/Moodle Integration**

Provide integration training demonstration to SAC. Archive demonstrations for use by interested IT staff. Could do the same for other publishers/OER providers.

❖ **Possible Areas Technology could play a role**

- a. Facilitate technical integrations of publisher/OER systems to college systems
- b. Inform repository work
- c. Faculty/Professional Development, @One
- d. Licensing agreements (Foundation)

Recommendation: Discuss role of technology in the area of affordable content.

Informational

Presentation: *Tim Calhoon, Director, CCC Technology Center*

Issue: This is an informational update on eTranscript California

Background:

eTranscript California: eTranscript California is the statewide internet-based system for requesting, transmitting, tracking, downloading, and viewing academic transcripts among authorized educational institutions and their trading partners built by the California Community Colleges.

Governance: eTranscript California Steering Committee is composed of A/R & IT leadership from across the CCC System with additional partner membership from CSU, and University of Phoenix representing private colleges.

Status:

300,000 Live Transcripts Transmitted

Membership: 75 Institutions (45 CCC, 17 CSU, 5 Private, 9 UC)

Note: University of California System is implementing

Analysis:

1. AB1056 (Fong) directs that pending one time implementation funding administered by CCCCCO, all colleges are to be able to send and receive electronic transcripts. AB1056 has been signed into law:
2. To implement AB1056, CCCCCO is implementing an eTranscript \$5000 minigrant program. To qualify colleges must use the California Transcript Data Standard (includes IGETC, GenEd, and SB1440 elements). There are 3 options a college may qualify for:
 - a. Send and receive transcripts
 - b. Respond to electronic requests for transcripts
 - c. Import transcripts into campus system (SIS, Degree Audit, Planner, etc.)In this way, a college can further their etranscript initiative with a minigrant no matter where they are in the implementation process.
3. Our partner in K12 transcripts has been CSIS. Although we have been successful in implementing the technology to receive transcripts from K12, adoption at LEA's has been slow to get off the ground. Pearson, CSIS's vendor in etranscripts now wishes to raise the price on their annual fee to a level that is unacceptable for CSIS. We must now decide how to best proceed with the K12 partnership. Two options that present themselves.
 - a. Work with CSIS to connect to a system they develop based on CALPADS formats.
 - b. Work with vendors to send us K12 transcripts.
 - c. Both

Recommendation: Discuss implementation of AB1056 and options for K12 transcripts

SAC Report: Cloud Backup**Item 9****Action: Information****Presentation:** *Tim Calhoon, Director, CCC Technology Center*

Issue: This is an informational update on SAC investigation of Cloud Based Backup Services for possible systemwide adoption

Background:

"Although still not a fully mature market, online server backup is growing rapidly, with providers reporting double-digit growth even in today's economy. It is being fueled by a variety of infrastructure, regulatory and budget factors. Some of these include the following:

- Higher network speeds at lower prices
- Highly publicized losses of in-transit backup tapes
- Falling storage hardware costs
- The growing attractiveness of disk-to-disk backup
- Storage virtualization and tiering
- The advent of continuous data protection
- Storage as a service and cloud storage
- Market adoption of software as a service (SaaS)
- Open-source software

Additionally, changes in regulatory requirements have elevated the importance of backup/restore and records retention to the boardroom. As a result, IT departments that once insisted on doing everything internally are more willing to outsource various aspects of their architectural and functional environments to gain economies of scale and live within their budget and skills constraints." *Gartner Cloud-Based Server Backup Services, 1Q11 Update*

Analysis:

SAC feels that Cloud-Based Backup may be a significant value add for the colleges as a systemwide offering. A November 2011 survey on potential cloud adoption put out by Andy Chang at San Bernardino was sent to CIO's across our system. With 32 CIO's responding of interest is that 84% of respondees said that Cloud Backup would be Very Useful.

A detailed survey was sent out from SAC to CIO's to gather further information. From this survey SAC has gleaned that the largest demand is in backing up ERP, eMail, & file services over encrypted transmission/storage to a secure data center for off-site backup and disaster recovery.

SAC has reviewed several vendor offerings and will be discussing cloud backup as a potential offering with CENIC COO John Charles at the CISOA conference.

Recommendation: Pursue a discounted systemwide offering for Cloud-Backup services.

TTAC Retreat Planning**Item 10****Action: Discussion****Presentation:** *Patrick Perry, Bonnie Edwards*

Issue: TTAC Retreat Planning. Solicit Ideas

Background:

TTAC members participate in an annual retreat to develop a direction and strategy for TTIP for the upcoming fiscal year. The retreats are facilitated brainstorming sessions.

Analysis:

The next TTAC retreat is April 25 -27 and retreat planning needs to begin.

During this session, the committee will be asked for ideas that would be appropriate material for the retreat. The Chancellor's Office would like to present the following proposal for consideration:

Proposal:

1. Student Success Task Force Recommendations Implementation
 - a. The SSTF has several technology focused recommendations and the retreat would serve as an initial brainstorming/planning exercise to support TTIP and the Chancellor's Office ultimately develop the implementation plans for the recommendations. Input from TTAC is critical to a successful plan.
2. Assessment
 - a. Centralized Assessment is one of the SSTF recommendations but is being called out separately since the Chancellor's Office is ready to act. In addition, Assessment has several components already in process: EAP, Common Multiple Measures, Career Readiness, Common Core
3. Solicit TTAC for other retreat topics

❖ **Next Meeting**

April 25 – 27, Pomona, Kellogg Center

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