



GE Council

April 8, 2013, 1:00-4:00pm
Department of Higher Education
1560 Broadway – Suite 1600
Denver, CO

MINUTES - Approved

I. Greetings and Introductions

Wayne Artis (CFAC-PPCC)
Rhonda Epper (CCCS)
Alan Lamborn (CSU-FC)
John Lanning (UCD)
Jeff London (CFAC-MSU Denver)
Patricia Manzanares-Gonzales (WSCU)
Barbara Morris (FLC)
Richard Nishikawa (UCB)
Jeff Reynolds (Aims)
Todd Ruskell (CSM)
Scott Thompson (CCCS-NJC)
Sheila Thompson (MSU Denver)
Steve Werman (CMU)
Ian Macgillivray (DHE)
Maia Blom (DHE)
Guest: Prerna ???
Guest: Emmy Glancy (DHE)

II. Adoption of last meeting's notes – [See handout: *3/11/13 draft minutes*] **Adopted.**

III. Information Items

A. Core to College P20 Regional Partnerships [See handout: *P20 Regional Partnerships timeline and key activities 2013-03-19*]

- GT-MA1 & GT-CO1, 2 & 3 faculty engagement with high school teachers.
- Picking up where we left off last summer.
- June 10, 2013: State Summit and first meeting with team leaders, DHE/CDE staff and Institute for Evidence-Based Change (IEBC) facilitators.

- Four regions: 1) Denver metro, 2) SE corner, 3) NE corner, and 4) western slope. Each region will have two teams, as follows:

REGION	
Mathematics (GT-MA1) Team	Communication (GT-CO1, 2 & 3) Team
<ul style="list-style-type: none"> • 1 faculty Mathematics Team Leader • 6 GT-MA1 faculty • 6 upper-level mathematics high school teachers 	<ul style="list-style-type: none"> • 1 faculty Communications Team Leader • 6 GT-CO1, 2 & 3 faculty • 6 upper-level English Language Arts high school teachers

- Expected outcomes: Distinct entrance and exit competencies for gtPathways GT-MA1 and GT-CO1, 2 & 3 courses; discussions inform high school curricular decisions and other “college readiness” initiatives in which DHE and institutions of higher education are currently engaged.

GE Council requested:

- Email Emmy Glancy’s PowerPoint from today and outcomes from last summer’s meetings.
- Include an examination of AP high school courses—they seem to not be preparing students for the second course in the sequence once at an institution of higher ed.
- Include discussion on how Common Core State Standards (CCSS) may impact what students bring to freshman coursework. Point made that we don’t know the impact yet of the CCSS and may not for a few years, so it might be too soon to make any revisions to gtPathways content & competency criteria.
- The framework of this conversation seems to be geared toward a policy change, and is therefore regulatory in nature. This framework needs to be different.
- Consider mapping or doing a crosswalk between Degree Qualifications Profile (DQP), Liberal Education and America’s Promise (LEAP), gtPathways, and CCSS. Sheila T. would be willing to help with this project.
- Include at least one faculty from Social & Behavioral Sciences on each team because instructors of GT-SS courses depend on GT-CO1, 2 & 3 faculty to teach students how to write GT-SS research papers.
- Include GE Council reps on letters to AC reps recruiting faculty.
- Include info on dates, locations & time commitment.

B. gtPathways Workshops

- a. CCCS has requested 4 workshops (see handout: *CCCS workshop flyer*):
 - i. April 11, 1:30 – CCCS Lowry Conference Center **97 registrants**
 - ii. April 16, 2:30 – LCC **21 participants**
 - iii. April 17, 10:00 – PPCC **35 participants**
 - iv. April 24, 1:30 – NJC **40 participants**
 - v. May 1, 1:30 – CNCC-Craig **22 registrants – cancelled**

b. Would like to have GEC reps in attendance. Who can attend? Thank you!

There will be an additional workshop in the Denver Metro area in May (May 7 at FRCC).

C. gtPathways Reviews – any issues? Deadline this Friday, April 12, 2013.

D. Faculty-to-Faculty Debrief

a. Biology, Chemistry, Physics?

- **Biology (Richard N.)** was not recommended to move forward *yet*. The discipline group agreed the basic structure of the agreement was fine and the prescribed curriculum in Phase 3 was okay. They concluded the labs should be more inquiry-based. Key faculty and CCCS reps will continue to meet and work out solutions. Rhonda Epper and Norma Hollebecke will debrief and be in touch with Ian M. if any coordination from DHE is requested.
- **Chemistry (John L.)** was recommended to move forward but with some issues to work out:
 1. Current CWS is 65 credits. One idea is to remove 2 gtPathways courses (6 credits) leaving it at 59 credits. Could add 1 credit elective but not necessary because this agreement, if approved, would be different than the others. It might set a precedent for future agreements where not all gtPathways courses can be completed in the first 60.
 2. Discipline group does not want CHE 211 & 212 (Organic Chem I & II) offered online to be a part of this agreement. Problem may be some community colleges were planning on offering CHE 211 & 212 online and there's no way to tell on the transcript if a student took them online or not.
 3. Should this agreement be called something other than a STAA because of its differences?
 4. Should we use Reverse Transfer or just make it part of the agreement that student need not complete an AS before transferring to guarantee transfer and application of the courses in the agreement?
 5. John will continue to work with Geri and Martha and bring back more info at the next GE Council meeting. GEC needs to review it before it goes out for its Phase 2 – ICIR.
- **Physics (Todd R.)** was recommended to move forward with some issues to work out:
 1. Modern Physics (PHY 213: Physics III: Calculus Based [a.k.a. Modern Physics]) is a required course but there has never been enough enrollment in it for it to be taught. Idea is to offer it online and there are no objections to that. RRCC would be interested in developing an online course. The STAA won't work if there is not an online option.
 2. First 60 splits the Chemistry sequence but many receiving institutions don't require the second course in the sequence.
 3. Some receiving institutions require a Computer Science course and this should have a footnote.

b. Art History/Studio Art?

Art History and Studio Art were recommended to move forward (as two separate agreements). ASU's BA Art with Art History emphasis was determined not to be a functional equivalent because it does not have enough credits in art history, so will not be a part of the Art History STAA.

c. Clarification re Transfer Guides & Degree Curricula for F2F

- i. Transfer guides just from 4-years? Transfer guides are collected only for 4-year IHEs.
- ii. Degree Curricula – just from 4-years? Degree curricula are collected only for 4-year IHEs. Do we want them from every campus regardless of full-fledged degree or degree with emphasis? YES.

E. Program Names (Majors) and CIPs for Statewide Transfer Articulation Agreement [see handout: *Program Names and CIPs for STAA*]

- GEC discussed it would be helpful to know the name of the major at the receiving institution for each of the STAAs (will help advisors & students).
- If you have not yet sent Ian this information, please do so.

F. Colorado Technical University would like to continue to participate in gtPathways

- 23-1-125(5), C.R.S., stipulates a private institution's general education core shall align with gtPathways and DHE is to verify this annually-- (Should Ian do this? Does GE Council "verify" each other's gen ed cores?)
- CTU plans to submit more courses for review this fall. Their current gtPathways courses are LITR 2205: Introduction to Literature (GT-AH2) and PSYC 1005: Introduction to Psychology (GT-SS3). Approved by CCHE December 2, 2011. GE Council agreed that Ian M. should verify that CTU's Gen Ed core aligns with gtPathways. If he finds any issues, he will confer with GEC.

IV. Discussion/Action Items

A. Top Engineering programs (by enrollment) for Fall 2013 Fac2Fac.

- At the last meeting, CSM explained "Engineering, General" enrollment will go down because it's being split into Civil, Mechanical & Electrical. CSM & FLC recommended not to pursue "Engineering, General."
- GE Council requested enrollment for Computer Science engineering programs (see below).

GE Council decided to move ahead with Mechanical Engineering and Civil Engineering for fall 2013 Fac2Fac and to hold off for now with Chemical and Electrical Engineering. GEC requested Ian to send an email asking this question, "Do you offer a computer science major in your college of engineering or in your Dept. of Math or Computer Science (e.g., non-business focused computer science program)?" Ian sent 4/9/13.

PROGRAM DESCRIPTION & CIP	ENROLLMENT
1. Mechanical Engineering. (CIP = 14.1901) YES Fall 2013 Fac2Fac	1688
Engineering, General. (CIP = 14.0101) (BS Engineering at CSM & FLC)	1618

2. Civil Engineering, General. (CIP = 14.0801) YES Fall 2013 Fac2Fac	859
3. Chemical Engineering. (CIP = 14.0701) No	728
4. Electrical and Electronics Engineering No	608
5. Computer Science (CIP = 11.0701 Traditional Computer Science) at CSM, MSU Denver, UCB & UCCS and Computer Science (CIP = 11.0101 Business—Information Systems) at CMU, CSU & UCD	11.0701 = 940 11.0101 = 495 1,435

- GE Council requested to know what % of Chemical Engineering students are transfers from a community college:

Institution	Students Enrolled in Chemical Engineering Program AY2012	Number of Students with Previous Enrollment at a Community College	Percent Transfer
Colorado School of Mines	417	62	14.9%
Colorado State University	279	63	22.6%
University of Colorado Boulder	352	28	8.0%
TOTAL	1048	153	14.6%

- B. CCHE waivers from gtPathways for baccalaureate programs that have additional requirements. [See handout: *agenda item Waivers from gtPathways Requirements for Baccalaureate Programs That Have Additional Requirements 2013-05-03 (v3)*]
GEC affirmed that the transfer of gtPathways courses applies to ALL degrees' Gen Ed cores that happen to have gtPathways courses in them, not just those degrees that have incorporated the entire 31-credit gtPathways curriculum in their cores.

C. ARTICULATION AGREEMENTS

****Everything from here on down was tabled because we ran out of time.**

1. **Phase 4: Procurement of Signatures**
 - a. **Agriculture Agreements (Animal Science, AG Business, Soil & Crop Science)**
– presented to CCHE April 5, 2013.
2. **Phase 3: Final Review** - NONE
3. **Phase 2: ICIR**
 - a. **Communication** – V.2 (incorporating CSU-FC proposed changes) sent to GEC 2/28/13; deadline 3/29/13. Additional request made for degree name (including emphasis) and CIP code. Still need to hear ICIR response from AIMS, ASU, CMC, CMU, CSU-FC, CSU-P, UCB, UCCS, and WSCU. Need degree titles and CIP codes from AIMS, ASU, CMC, CMU, CSU-FC, CSU-P, UCB, UCCS, and WSCU.

1. CCCS comment: CCCS is fine with the COMM agreement but would like to ask that instead of “speech” communication it be called “oral” communication.
- b. **English** –
 1. UNC cannot make this agreement work; UCB is having a hard time making it work also because the curriculum has become more and more vague. UCB would prefer more specificity in the STAA curriculum – the goal of STAAs is to provide specific guidance on what a student should take for their degree. Larger discussion: The intent of the gtPathways curriculum is General Education, not specialized courses like “Literature & Film.” One of the issues with the gtPathways approved course list is that more and more courses are being approved for the gtPathways curriculum that really are not appropriate for a *Gen Ed* curriculum, e.g., Literature & Film. Often this course is an upper-division course and should not really be a part of a Gen Ed curriculum. Consequently, specific courses should be listed in the prescribed curriculum of the STAAs to help students have a solid basis in their major.
 2. The CU System campuses (UCB, UCD, UCCS) and UNC will propose an alternative prescribed curriculum for ENG, one that has a bit more specificity.
- c. **Geography** – needs to be revised to have same footnote as Spanish agreement:

PLEASE NOTE: The degree tracks in [Spanish] for the Professions and [Spanish] with Secondary Teaching Licensure have different requirements and are not included in this agreement.

Then, V.2 will be resent for ICIR.

- d. **Geology** – sent to GEC on 12/13/12 for ICIR; deadline 2/8/13. Reminder email sent 2/28/13. Still need to hear from CMU and UCB.
 - e. **Philosophy** – V.3 sent to GEC on 2/22/13, deadline 3/8/13. Still need to hear from AIMS, CMC, UCB, UCCS, and UCD. Still need to send courtesy copy to discipline group.
4. **Phase 1: Curriculum Worksheet Creation & Verification**
- **Art History** – report out from F2F?
 - CMU comments: We are not sending anyone for art history or studio art. We will wait to see if the eventual articulation agreement will work for our BFAs and then request to be added as an institution if possible.
 - **Biology/Chemistry/Physics** – report out from F2F?
 - Biology – comments during the F2F process
 - WSCU: “the chair of our Natural and Environmental Sciences Department preferred not to send someone based on their department discussions [response below].”

For Biology, I don’t see a need to send anyone based upon their charge:

Biology

1. Curriculum discussions in this discipline group were finalized and a prescribed curriculum was attained.

2. The issue of the take-home lab kit/remote lab combination that goes with the CCCS online biology classes needs to be addressed by the discipline group. We hope to have a demonstration of the NANSLO remote web-based science labs. See also <http://wiche.edu/nanslo/labs>.

It seems they are already done with their discussion except for a demonstration of labs not delivered at the institution. While there may be differing opinions on that, the reality is if a student has credit from a Colorado institution we aren't going to deny transferring it to WSCU.

- Chemistry
- Physics – comments during the F2F process
 - MSU Denver: Physics faculty are fine with the curriculum worksheet the way it is and there is not a concern about the online labs. . . . so we will not have a Physics representative.
- **Music** – draft CWS, V.3 sent to discipline group on 3/7/13 with deadline of 3/29/13. Still need to hear from TSJC, CSU-FC, and UCCS.
- **Studio Art** – report out from F2F?
 - CMU comments: We are not sending anyone for art history or studio art. We will wait to see if the eventual articulation agreement will work for our BFAs and then request to be added as an institution if possible.
- **Theatre** – draft CWS + notes sent to discipline group for verification on 12/17/12; deadline 2/8/13. Reminder email sent 2/25/13. Still need to hear from UCB and UCCS.

5. **Phase 0: Future Planning**

- a. **Engineering** – Before Fall 2013 Fac2Fac, convene Engineering advisors, Associate Deans & key faculty- maybe use webinar or questionnaire- for guidance and to identify key points needing resolution. Volunteers: Todd R., Wayne A., Chris D. at UCCS, and Mary S. at UCB.
- b. **ECE & ELED** – These agreements may need some revising once some 4-year institutions have created their new bachelor's degrees in ECE and ELED.

G. Other Business?

- i. CCHE Policy I, L: Statewide Transfer Policy [see handouts: *i-partl_revision_2013-04-03_TRACK CHANGES* and *i-partl_revision_2013-04-03_CHANGES ACCEPTED*]
 - Two versions: 1) one that shows “track changes” and is really messy and I recommend you use 2) changes accepted.
 - Barbara, Wayne, Scott & Jeff volunteered to review first part of revised policy draft and provide initial feedback.
 - This draft revision is meant to decrease confusion about what statute says, what certain words and phrases mean, and each entity's role in the implementation of statute in regards to student transfer and gtPathways. Another goal is to record and preserve the historical CCHE and GE Council decisions. Almost everything in the attached first section of the draft policy is lifted verbatim from statute.

- ii. UCCS currently is not a signatory on ECE STAA. They are developing a new Bachelor of Innovation with early childhood teacher licensure. Should that new degree be part of ECE STAA?
- iii. If a community college cannot offer all the courses in a STAA, should they be able to offer the corresponding Degree with Designation? GE Council said, "No." Any future discussion needed?