



COLORADO

Department of
Higher Education

1560 Broadway, Suite 1600
Denver, CO 80202

GE Council

March 10, 2014, 1:00-4:00pm
Department of Higher Education
1560 Broadway - Suite 1600
Denver, CO 80202

MEETING NOTES - Approved

I. Greetings and Introductions

Wayne Artis (CFAC-PPCC)
Ann Bentz (UNC)
Erin Frew (CSU-P)
John Lanning (UCD)
Jeff London (CFAC-MSU Denver)
Jerry Migler (CCCS)
Barbara Morris (FLC)
Pete McCormick (FLC)
Kathy Pickering (CSU-FC)
Jeff Reynolds (AIMS)
Terry Schliesman (WSCU)
Rae Shevalier (MSU Denver)
Scott Thompson (CCCS-NJC)
Sandy Veltri (CCCS-FRCC)
Rex Welshon (UCCS)
Steve Werman (CMU)
Ian Macgillivray (DHE)
Maia Blom (DHE)
Scott Mendelsberg (DHE)

II. Adoption of last meeting's notes [See handout: 2014-02-10 - GEC Meeting - Draft Minutes.] Approved and adopted.

III. Information Items

A. Reminder: April 7, 2014 GEC meeting is cancelled. GEC members might plan on participating in the SAI summit, April 17.

IV. Discussion/Action Items

A. Insights from P20 Regional Partnership Participants

P20 Faculty comments:

- The Math faculty felt that if high school students graduated with some mastery of the CAS, the Math profs would be thrilled.

- The P20 work can inform the upcoming F2F discussions.
 - Slides in the F2F PPT re P20 are accurate.
 - High school teachers need to be more involved in the P20 process.
1. Joining via phone: Erik Juergensmeyer, FLC and David Johnson, Colorado Northwestern CC (Western Communications Group); Dean Allison, UNC (Northern Math Group); and Sue Doe, CSU (Northern Communication Group).
 2. These faculty have been invited to join us to help us understand the work they've been doing and how it might inform the April 18 Fac2Fac Conference.
 3. GE Council has received the "final documents" from the P20 Regional Partnerships and the June 2012 Fac2Fac convenings.
 4. Ian has met with all the Regional Partnerships to explain that we are transitioning from the vertical alignment work they've been doing to a horizontal alignment in Fac2Fac and may utilize the P20 Regional Partnerships as a way to accomplish work in between the larger Fac2Fac spring and fall conferences.
 5. Please think of questions you'd like to ask them as we prepare for Fac2Fac.
 - Perhaps GEC needs a standing member from CDE, or at least a bi-monthly or quarterly update from CDE.
- B. WICHE Interstate Passport [See handout: *Passport PROJECT OVERVIEW 2-13-2014.pdf.*]
- The Passport Initiative is a new learning-outcomes-based framework for transfer. Its outcomes are based on the ELOs (essential learning outcomes) from LEAP (the Liberal Education and America's Promise). There are currently no hard data available for transfer students. Currently, there is no cost to participate for IHEs within the WICHE region.
 - The GEC felt the Passport Initiative Learning Outcomes and the LEAP Essential Learning Outcomes should be part of F2F materials.
1. Guest speakers: Patricia A. Shea, Director, Academic Leadership Initiatives and Bob Turner, Passport State Coordinator, Western Interstate Commission for Higher Education (WICHE). [See presentation: *CO GE Council slide deck 3 10 2014 2nd.pptx*]
 2. Please look at the Passport learning outcomes for written communication and quantitative literacy at: <http://www.wiche.edu/passport/learningOutcomesCriteria>.
 3. If faculty think there is appropriate alignment between gtPathways written communication and mathematics content criteria and competencies and the Passport Learning Outcomes and Proficiency Criteria, then Colorado's institutions may be able to participate in Passport to facilitate interstate transfer in the western region of the US.
 4. Note that gtPathways does not have an oral communication requirement and Passport does. However, CO could do it the same way UT has where oral communication is not required. The Utah system has identified what course provides the Passport Learning Outcomes in oral communication and has included it in their Passport Block. Students who want to acquire a Passport take the courses in the block; others who do not want a Passport do not.
 5. Since Colorado faculty are about to embark on a revision of gtPathways written communication and mathematics content criteria and competencies, maybe this is an ideal time to have Colorado faculty look at the Passport learning outcomes and see if those can inform Fac2Fac?
- C. Planning of April 18, 2014 Fac2Fac
1. Flat-rate Mileage Reimbursement [See handout: *DRAFT Flat Rate Mileage Reimbursements.docx.*]

2. Need to set date for October F2F so faculty can make a commitment and get it on their calendars. **October 24, 2014. Regional F2F meetings may be held throughout the summer.**
3. Structure of the day:
 - Lt. Governor Garcia will speak for 15 minutes to give a broad overview of how the day's task ties in with state goals for Higher Ed.
 - Ian will give PowerPoint to frame the work. [See handout: *DRAFT Fac2Fac - April 2014.pptx.*]
 - **Edits were suggested by GEC.**
 - **It would be good to know what other states do with Math for Liberal Arts.**
 - Brad Phillips, IEBC can attend to discuss P20 Regional Partnerships work? **Yes, he is coming.**
 - WICHE representative can attend to tie in Passport? **No, but Passport Initiative learning outcomes will be included as a handout.**
 - In the morning - Math and Writ Comm will meet as two separate groups. **Co-chairs for each group (2yr and 4yr) should be picked in advance.**
 - Lunch will be a mid-day reporting out session as one large group.
 - In the afternoon - 3 Math breakout groups: College Algebra, Intro to Statistics, Math for the Liberal Arts; 3 Writ Comm breakout groups: CO1, CO2, CO3. **Co-chairs for each group (2yr and 4yr) should be picked in advance.**
 - A brief wrap-up at the end of the day.
4. Materials for packets for the day:
 - Copies of gtPathways Written Communication and Mathematics content criteria
 - Associated competencies (Technology is the only outlier)
 - Templates for structuring the discussions and drafting measurable learning outcomes: (we have these for math courses too)
 - **[See handout: *Written Communication Template.docx.*]**
 - ~~[See handout: *STAGE 1 - Written Communication Template.docx.*]~~
 - ~~[See handout: *SMART Outcomes checklist.docx.*]~~
 - Copies of Interstate Passport Learning Outcomes? **Yes, and LEAP Essential Learning Outcomes.**
 - Copies of **June 2012** Fac2Fac Convenings' findings/outcomes? **Put on website.**
 - Copies of P20 Regional Partnership outcomes? **Put on website.**
 - **Entire list of Bloom's Taxonomy of Verbs**
 - **Faculty bring originally approved syllabi and syllabi they currently use.**
 - **Course Catalog and/or course description.**
 - **Bring laptop/iPad (we'll provide log on info for ACC).**
5. Materials to send faculty ahead of time and post online:
 - History of Fac2Fac Conference
 - Related articles on importance of defining measurable learning outcomes?
 - The PowerPoint? **Yes.**
 - Colorado Academic Standards for English Language Arts and Mathematics so faculty can see what high school graduates should be coming out with? **Yes.**
 - P20 Regional Partnership and June 2012 Fac2Fac Convenings' outcomes/findings? **Yes.**
6. What do you think about doing an anonymous survey of participants prior to April 18 to gauge interest and opinions? For science faculty, could ask, "What could math do better?" For SBS & AHUM, could ask, "What do you need more/less of from GT-CO1, 2 & 3?" Could inquire about perceptions of consistency across one's own institution and across the state, and so on? **Hold this idea for another time.**

7. Faculty recruitment deadline: April 4, 2014 - to Maia Blom by COB - with email addresses, please! **Maia Blom will send the invite and draft agenda to GEC for their continued recruitment purposes. Maia will send pre-conference materials / links to participants, with a cc to GEC.**
 8. See the February meeting notes, section IV.C.4, for those GEC members who are planning to participate.
- D. Statewide Transfer Articulation Agreement - HORTICULTURE, CSU-FC and CCCS. [See handout: *HANDOUT - STAA full doc - HORTICULTURE as of 2013-12-02.*] **This agreement can move forward, i.e., be put into the regular steps of the protocol.**
- E. Discussion on statewide cut scores for Advanced Placement exams
IHEs to continue sending their info to DHE.
1. Margaret prepared this template for gathering data [see handout: *AP Comparison Template 2014-02-25.xlsx*].
 2. GEC will review & verify. Next step is to send it to campuses to fill in. The most recent data (fall 2013) should be collected. This information can be used to update the spreadsheet and determine if/how IHEs are different from each other.
 3. Relatedly, we thought you might be interested in seeing this research data brief prepared by Colorado GEAR UP staff that compares concurrent enrollment with AP data. [See handout: *RDB_20130305_ConcurrVsAP.pdf*.]
- F. Advising Guide for Community College Pre-Engineering Students. While 2- and 4-year institutions work out inter-institutional agreements, similar to ones between CSM & RRCC/FRCC and UCCS & PPCC, maybe we can replace the current confusing “Engineering Agreement” with this advising guide created by John? [See handout: *CDHEpreengin m02.docx*.] **GEC reps will take this document to their campuses for review.**

V. ARTICULATION AGREEMENTS

A. Phase 4: Procurement of Signatures

1. Geology - Final STAA sent to IHEs on 12/16/13. Still need signature from UCB.

B. Phase 3: Final Review

1. Communication - V.1 sent to GEC on 12/23/13 for GEC review; deadline 1/31/14. Will move to V.2 -final campus review.
2. Geography - V.2 sent to GEC for final campus review; deadline: 1/31/14. Still need to hear from CMC.
3. Philosophy - V.2 sent to GEC for final campus review; deadline: 1/31/14. Still need to hear from CMC.

C. Phase 2: ICIR

1. Art History - V.2 sent to GEC on 12/20/13; deadline: 2/7/14. Still need to hear from CMC.
2. Biology - sent to GEC on 1/21/14; deadline 2/18/14. Still need to hear from CMC, UCB, and UCD.
 - a) Questions/concerns from WSCU [see handout: *STAA - BIOLOGY - Phase 2 - ICIR - 2014-01-13*]:
 - i. Under the current agreement, a student coming into Western would have six credits of Arts and Humanities...but we require nine credits for A&H in GE, as many schools do. Are we expected to waive those last three credits of

A&H GE? Can we footnote the agreement to say “Students enrolling at WSCU, under this agreement, will be required to take three additional credits of Arts & Humanities GE credit”?? Or, a suggestion Dr. Orth made, can we ask the GEC to consider increasing the hours under Arts & Humanities from 6 to 9, and conversely drop the Electives from 4 to 1. Is that possible? **These concerns will be addressed off-line; we ran out of time.**

- ii. On page 4 there is a note at the top, “The degree tracks in Biology for the Professions and Biology with Secondary Teaching Licensure have different requirements” Can you tell us what “Biology for the Professions” means? Two of our emphases at Western include pre-med and pre-allied health. Would those be considered “Biology for the Professions”? **This agreement and the STAA template will be changed to the following, Prescribed Curriculum page:**

Please Note: The degree track in XXX with Secondary Teaching Licensure has different requirements and is not included in this agreement. ...

3. **Chemistry** - V.3 sent to GEC on 1/2/14; deadline 2/14/14. Still need to hear from CMU, CSM (?), CSU-FC, MSUD, and UCB. Some issues have been raised by MSUD; John Lanning and Martha Jackson-Carter are addressing those issues with MSUD.
4. **English** -UCB indicated that this agreement should move to the next phase, Phase 3 - **GEC** review, and so it will.
5. **Music** - sent to GEC on 12/04/13 for ICIR; deadline 1/31/14. Still need to hear from CMU, CSU-P, UCB, and UCCS.
6. **Physics** - V.2 sent to GEC on 12/30/13 for ICIR; deadline - 2/5/14. Still need to hear from CMC and UCB.
7. **Studio Art** - V.2 sent to GEC on 1/23/14; deadline is 2/21/14. Still need to hear from CMC, CMU, UCCS, and UNC.
8. **Theatre** - sent 12/4/13 to GEC for ICIR; deadline 1/31/14. Still need to hear from UCB, UCCS, and UCD.

D. Phase 1: Curriculum Worksheet Creation & Verification - NONE

E. Phase 0: For Future Planning (Parking Lot)

1. Engineering

- a) The group that conducted an initial analysis concluded it is probably best to let 2- and 4-year institutions work out inter-institutional agreements, similar to ones between CSM & RRCC/FRCC and UCCS & PPCC. However, John would like to propose this draft “Advising Guide for Community College Pre-Engineering Students.” [See handout: *CDHEpreengin m02.docx*.]

2. Music Education

3. Mass Communication

4. Gateway Math Courses in Current STAAs

- a) At some point the older STAAs could probably use a revisit to determine the appropriate Math course for the degree. In the past usually MAT-121 was the default that everyone could agree upon, but certainly Mat-135 Statistics or Mat-120 Math for Liberal Arts could work for many degrees. This can/should wait until after a possible revision of GT-MA1 content and competencies?

5. **Science Courses in Current STAAs**
 - a) When the original STAAs were made, the CCCS system had no GT-SC2 (non-lab) science courses, so there was no way to finish the Science requirement in 7 credits. Now that the CCCS system has non-lab GT-SC2 courses it is possible to complete an associate's with 7 science credits and older STAAs might benefit from revising these course options?
6. **gtPathways Review Nomination Form**: Science courses and co-requisite lab issue; how should science courses be submitted? Last discussed at December 9, 2013 meeting. Still needs resolution.

VI. OTHER BUSINESS?